# University of New Hampshire Graduate School Annual Report for AY 2016-17





#### **Table of Contents**

- I. Enrollment, Admissions, and Degrees Awarded
- II. Professional Development
- III. Technology Support and Processing
- IV. Financial Support
- V. Shared Governance, Engagement and Collaboration
- VI. Diversity
- VII. Academic Support Services
- VIII. Manchester Office
  - IX. Interdisciplinary Programs
  - X. Goals, Actions and Challenges
  - XI. Appendices
    - A. Enrollment, Applications, Admittances and New Matriculations
    - **B.** Annual Professional Development Report
    - C. Responsible Conduct of Research and Scholarly Activity (RCR) 2017 Annual Report
    - D. Technology Support
    - E. Graduate School Financial Support (Student and Faculty Awards)
    - F. Graduate Student Senate Annual Report AY2016/2017
    - G. Additional Graduate School Collaboration/Engagement
    - **H.** Academic Support Services
    - I. Graduate School Manchester Office
    - J. Interdisciplinary Programs
    - K. Graduate School Office Personnel
    - L. Graduate School Project Maps

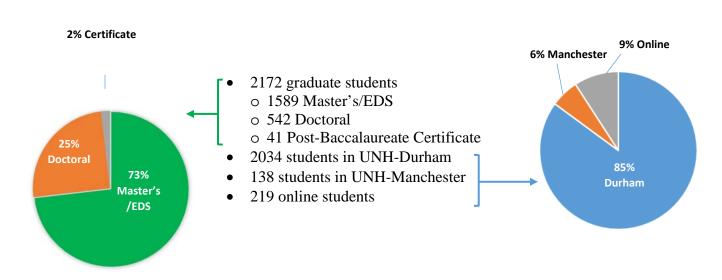
As described in the UNH Graduate School Mission, we provide innovative, responsive, and accessible master's, doctoral and certificate programs of the highest quality in line with the university's "Blueprint for the Future, UNH in 2020." The Graduate School provides leadership to support the scholarly and creative efforts of the faculty and students, advances the principles of ethical conduct of research and scholarship, articulates and champions an institutional perspective on graduate education, promotes interdisciplinary scholarship and ensures its graduates are prepared to become leaders in the 21<sup>st</sup> century. The Graduate School is responsible for all graduate education at the university from admissions through graduation and beyond. The graduate faculty is the policy-making body of the Graduate School and is responsible for maintaining and enhancing the quality of graduate education at UNH, in keeping with the university's public, land-grant, sea-grant and space grant mission for creating new knowledge, at the intersection of knowledge and practice.

## I. Enrollment, Admissions, Admittances and Degrees Awarded<sup>1</sup>

#### **Enrollments**

In Fall 2016, 2172 students enrolled in UNH graduate programs. This was the Graduate School's highest enrollment since 2013. Master's students comprised 73% of the graduate population; PhD students comprised 25%; and certificate students made up the remaining 2%.

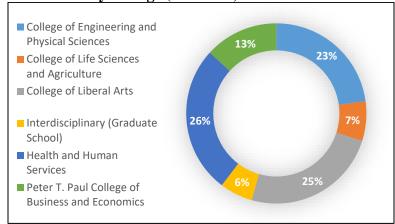
## Fall 2016 Graduate Enrollments



The College of Health and Human Services enrolled the highest proportion of graduate students, followed by the College of Engineering and Physical Sciences and the College of Liberal Arts. Students in the interdisciplinary programs are housed and supported by the Graduate School (GRAD), and recent trends show significantly increased levels of interest, with enrollments increasing nearly 30% since 2012.

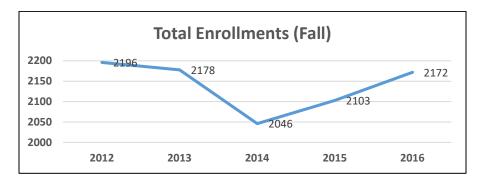
<sup>&</sup>lt;sup>1</sup> See Appendix A for additional detail on enrollments, applications, admittances and degrees awarded.

**Enrollment by College (Fall 2016)** 



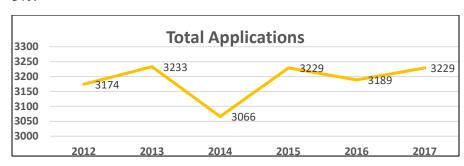
Graduate students are predominantly enrolled at the Durham campus (84%), with the remainder enrolling either as online students (10%) or at the Manchester campus (6%).

Fall 2016 represented the second consecutive year of growth following a steady decline, which has been disproportionately in the master's in-state population, particularly in COLA<sup>2</sup>. Since the low point in 2014, total Graduate enrollments have climbed by over 6%.



## **Applications**

The Graduate School has experienced increases in total applications received; the overall application growth rate between 2012 and 2017 was 5%.



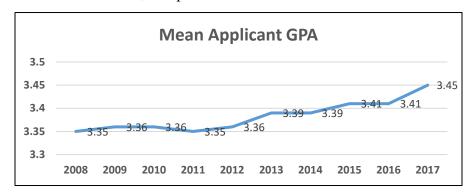
<sup>&</sup>lt;sup>2</sup> See Appendix A.

Fall 2016 total enrollments were the highest since 2013

Applications to UNH graduate programs increased by 22% between 2008-2017

Admittances to UNH graduate programs for 2017 are at an all-time high

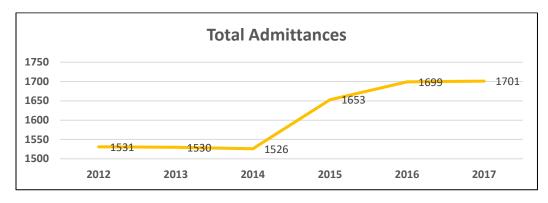
New matriculations to UNH graduate programs grew 11% between 2012-2017 The quality of applicants has also significantly increased during this timeframe, as the mean applicant GPA for 2017 was 3.45, compared to 3.36 for 2012.



- Applications to PhD programs rose 6% from 2012 to 2017; applications to master's programs were level during this same timeframe.
- GRAD (96%), HHS (26%) and CEPS (20%) have experienced particularly significant increases over the past five years. Conversely, applications to COLA dropped 34% over the same timeframe.
- International applications have also increased with a growth rate of 19% from 2012 to 2017.

#### Admittances

The number of admitted students has significantly increased over the last five years; the growth rate for admits between 2012 and 2017 was 11%.



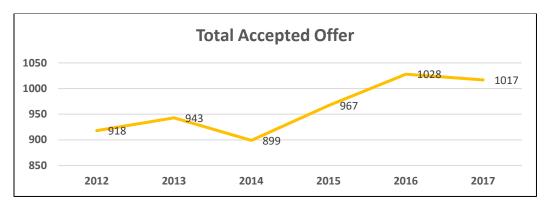
- Admittances to PhD programs rose 39% between 2012 to 2017; admittances to master's programs rose by 5% during this same timeframe.
- GRAD (264%)<sup>3</sup>, HHS (37%) and CEPS (21%) experienced the most significant increases from 2012 to 2017. Conversely, admittances to COLA dropped 28% during this timeframe.
- International admittances increased by 68% from 2012 to 2017.

# **Matriculations**

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<sup>&</sup>lt;sup>3</sup> This is largely the result of the M.S. in Analytics program, which began in 2015.

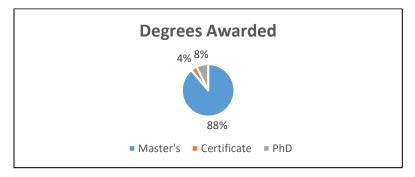
The number of newly matriculated students has steadily grown; the overall matriculation growth rate between 2012 and 2017 was 11%.



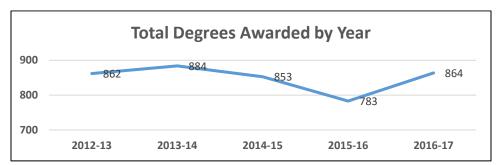
- Matriculations to PhD programs rose 57% between 2012 to 2017; the growth rate for master's programs was 5% during this timeframe.
- GRAD (137%) and HHS (40%) experienced the most significant increases from 2012 to 2017. Conversely, new matriculations to COLA dropped by 24% during this timeframe.

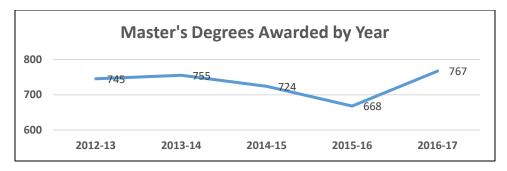
#### Degrees Awarded

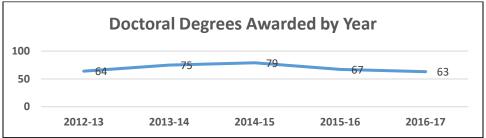
A total of 864 graduate degrees were awarded during the 2016-17 academic year (767 master's degrees, 2 EDS, 32 post-baccalaureate certificates, and 63 doctoral degrees). The Graduate School is responsible for coordinating the degree certification process and clearing students for graduation.



The total number of degrees awarded was generally level with recent years (with the exception of 2015-16), and the number of master's degrees awarded was a five-year peak.







# Recruitment and Marketing

The Graduate School provided broad recruitment and marketing support to graduate programs across campus. 2016-17 efforts included:

- Identified and corresponded with over 18,000 prospective applicants. These were identified through participation in over 40 recruitment events (graduate fairs, graduate school information sessions and workshops, representation at UNH campus-wide fairs), purchased lists, program referrals, and various other activities. Each prospect was sent a series of individualized emails to highlight their program of interest and encourage application.
- Met with nearly all graduate program coordinators to determine the scope of their marketing activities and a devise plan for how to intersect the Graduate School.
- Continued efforts toward fully implementing a customer relationship management system (Salesforce), which will strengthen our management, tracking and correspondence to prospective and active applicants. The major activity for 2016-17 was the implementation of Salesforce campaigns, which are run on behalf of graduate programs and provide a series of personalized electronic communications to prospective applicants.
- Coordinated with CPA to produce a graduate education brochure.
- Continued administering surveys for students, admitted applicants who do not enroll, recent graduates, and students exiting without a degree. These provide relevant data toward recruiting efforts, including reasons for applying, enrolling and leaving graduate programs.

# II. Professional Development4

At UNH, our emphasis on the graduate student experience is a key differentiator. As the most recent Graduate School external review noted, "Considering its small staff size, the UNH Graduate School offers a remarkable array of professional development programs for graduate students." Students appreciated the workshops and noted that some of their graduate programs offered nothing along those lines, while others had only limited programs.

<sup>&</sup>lt;sup>4</sup> See Appendix B for additional detail on 2016-17 programming activities.

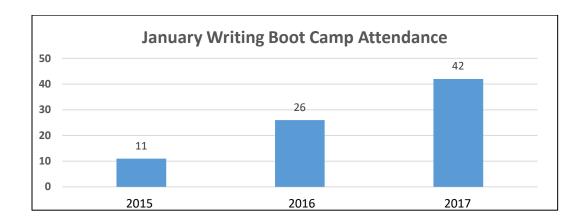
- 10 Research events 557 students
- 18 PFP/PFF events 329 students
- 9 Professional Writing Programs 248 students
  - 11 Networking events 445 students
    - 7 Health and Wellness events

Increased visibility through stories about Graduate School success that have been featured on our website and social media:

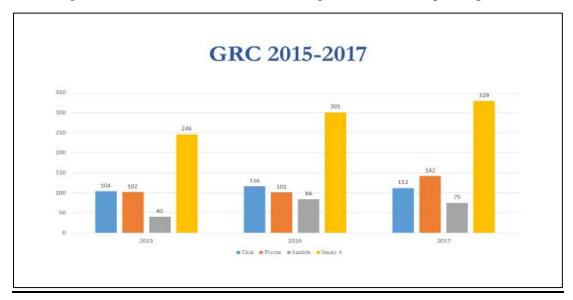
- > 15 stories published about Graduate School and students
- ➤ Graduate School Facebook page: 1036 likes and 1017 follows
- > Twitter (started in the beginning of the academic year): 216 followers
- LinkedIn: We have 239 members of the UNH Graduate School LinkedIn group and 178 members of the UNH Graduate School Manchester Campus LinkedIn group

This year we have seen an expansion of the variety and range of such programs under the umbrellas of preparing future faculty, preparing future professionals, responsible conduct of research, and the Graduate Research Conference. Programming highlights for 2016-17 include:

Coordinating multiple writing groups and workshops aimed at furthering students'
academic and professional writing abilities. As illustrated on the follow page, these are
seeing increased interest.



• Hosting the annual Graduate Research Conference, which highlighted the depth and breadth of graduate research via hundreds of oral presentations and poster presentations.



- Information sessions focused on applying for NSF-GRFP grants, Dissertation Year Fellowships, and Summer TA Fellowships.
- National Science Foundation Research Traineeship (NRT) Project proposal submitted for STEM Writing Academy.
- Coordinating annual Responsible Conduct of Research training (mandatory for all new PhD students). This is a joint effort with the Senior Vice Provost for Research and the Office of Research Integrity Services. This year, Dr. Julie Simpson & Interim Dean Cari Moorhead coordinated and offered the sixth annual training to fulfill the Graduate School doctoral RCR training requirement. Ninety-nine students attended the one 3-hour session in October 2016 after completing the 11 web-based RCR modules, and 100% of incoming doctoral students have completed RCR training since the requirement was established for the fall 2011 incoming cohort.<sup>5</sup>
- Hosting the second annual Three Minute Thesis Challenge (participants pictures below), which is a competition to engage audiences in graduate student research and projects in just three minutes.



<sup>&</sup>lt;sup>5</sup> See Appendix C for additional RCR detail.

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#### **Three Minute Thesis winners:**

| First Place:           | Drummond Biles  | PhD Mechanical Engineering |
|------------------------|-----------------|----------------------------|
| Second Place:          | Meagan Wengrove | PhD Ocean Engineering      |
| Third Place:           | Ryan Stephens   | PhD NRESS                  |
| People's Choice Award: | Holland Prior   | MFA Non Fiction Writing    |

#### Three Minute Thesis participants by department:

| Department             | Number of Students |
|------------------------|--------------------|
| NRESS                  | 4                  |
| Education              | 4                  |
| Mechanical Engineering | 3                  |
| Civil Engineering      | 2                  |
| Sociology              | 2                  |
| Non Fiction Writing    | 1                  |
| Ocean Engineering      | 1                  |
| Physics                | 1                  |
| Social Work            | 1                  |

- Hosting the annual Graduate School Welcome/Information Session.
- Hosting multiple Preparing Future Faculty and Professionals workshops on a variety of critical areas, including hiring in academia and best practices in presenting data and information.
- Hosting numerous "Dinner and a Speaker" events in which the Graduate School convenes students to attend a lecture or other event followed by dinner with staff.
- Coordinating a monthly social event with the Graduate Student Senate; this year saw a significant increase with attendance nearly tripling.
- Increased social media visibility via the addition of Twitter and Instagram (Facebook and LinkedIn were already established). Through these, we are able to directly communicate and engage with our students and remind them of upcoming events, important information, and fun and exciting activities around campus.
- We also created a weekly newsletter that students receive via Canvas weekly. This highlights upcoming events, important dates, and deadlines.

## III. Technology Support and Processing<sup>6</sup>

The Graduate School staff focused on enhancing our use of technology to support the students' experience and the accuracy and efficiency of practices from admissions through to graduation. Highlights of this year's efforts include:

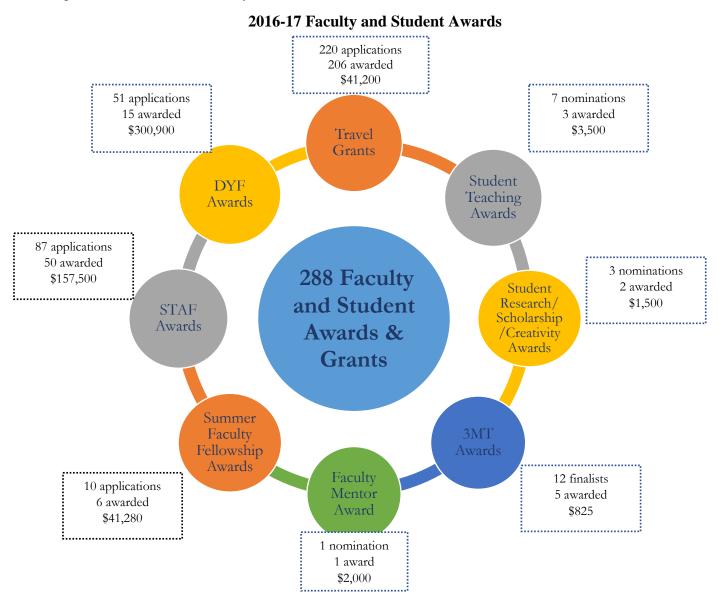
- TargetX was chosen to replace our existing online application and provide an alternative method of managing our admissions and decision-making process. Over the last year, many alternatives were reviewed from both a technology level and process level with TargetX coming out as the clear winner. This was followed with demos and reviews with other institutions using the product. Once decisions were made on licensing the product was purchased and the official kick-off started in June. Over the upcoming year we will complete the project and move it into production.
- Marketing shifted into high gear during this year with a focus on SalesForce for recruitment through email campaigns and focused communications. Our office worked closely with CPA, SalesForce IT, and departments to create templates, campaigns, reports, and emails that automate replies to inquiries while keeping a personal touch directed at the prospects interests and questions. In addition, emails are sent out consecutively to tell a story and keep the contact engaged.
- Provided technical support, training, and/or data to various offices on campus, including the e-UNH group, ECG, UNH Law School, the Registrar's Office, OISS, GSMC, external agencies (NSF, ETS/GRE, Princeton, US News), academic programs and admissions.
- Website development revolved around more marketing and communication. High profile stories on our students and faculty, and the research they are doing, was a key part of this communication. Refinements to the layout, forms, and news/events area have helped to make the site more user friendly while still conveying a great deal of information.
- Social media became a key priority this year for the graduate school with a focus on providing a clear message and brand across all media fronts such as Facebook, LinkedIn, and Twitter. Student, faculty, and alum achievements, awards, and research were all broadly shared online.
- OneCampus launched in May, and the Graduate School office was one of the most involved in getting content ready for the launch. Thanks to our staff and technical resources, we were well prepared for the launch with plenty of content and an updated website.
- Ongoing work continues on a variety of technological fronts: tracking our Ph.D. students for advancement and reporting purposes; providing more online forms for STAF, DYF, and other aid applications; managing and improving our MyCourses Professional Development and Career organization; and providing technical support for many of our events such as the Graduate Research Conference, Writing Workshops, and PFF/PFP events; updating software and hardware to stay current with patches and security updates as well as the latest versions; and reviewing and testing new software as needed to keep the office running efficiently.

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<sup>&</sup>lt;sup>6</sup> See Appendix D for additional detail.

#### **IV. Financial Support**

The Graduate School worked to provide financial support to graduate students and faculty across multiple areas, including critical advocacy needed in order to increase the assistantship stipend levels, as well as coordination of the Dissertation Year and Summer Teaching Assistant Fellowship awards. In total, nearly 300 awards and grants providing over \$600,000 were made to graduate students and faculty, as summarized below<sup>7</sup>.



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<sup>&</sup>lt;sup>7</sup> See Appendix E for additional details on Graduate School Financial Support.

#### **Dissertation Year Fellowship Recipients**



| Name                          | Program                      |
|-------------------------------|------------------------------|
| Hamidreza Anajafi Marzijarani | Civil Engineering            |
| Erika Baril                   | Education                    |
| Daniel Charles                | Chemical Engineering         |
| Matthew Cheney                | English                      |
| Amanda Daly                   | NRESS: Environmental Science |
| Carla Evans                   | Education                    |
| Cameron Mcintire              | NRESS: Environmental Studies |
| Justine Oliva                 | History                      |
| Mirkat Oshone                 | Civil Engineering            |
| Kara Anne Rodenhizer Stampfli | Psychology                   |
| Elizabeth Sheckler            | English                      |
| Nathaniel Stafford            | Psychology                   |
| Ryan Stephens                 | NRESS: Env. Studies          |
| Guangxing Yang                | Chemical Engineering         |
| Miroslav Zecevic              | Mechanical Engineering       |

# V. Shared Governance, Engagement, and Collaboration

The Graduate School continued strengthening its ability to serve the graduate student population through significant collaboration on governance-based issues between the Graduate Council and the Graduate Student, along with additional relationships across campus. For example, this year, through a collaborative effort with the Provost's Office, VP for Finance, and the Graduate Student Senate, we successfully capped the cost of mandatory fees for graduate assistants at the half-time rate. This will lead to reductions in time to degree for students. Additional 2016-17 shared governance highlights include:

## • Programmatic Actions

o New Program: Dual Degree Master's in Public Policy and Master's in Analytics

- o **New Option:** M.S. in Recreation Management & Policy Program: Adaptive Spots Option
- New Certificates:
  - Social Work/Certificate in Child Welfare
  - Women's Studies/Certificate in Feminist Studies
  - Spanish

# Program Revisions:

- M.S. in Kinesiology Outdoor Education (new focus areas and accelerated pathway)
- Certificate in Assistive Technology (change in delivery)
- Certificate in Curriculum & Instructional Leadership/Minor Curricular Alteration

# Name Changes:

- Electrical Engineering/Name Change to Electrical and Computer Engineering
- Curricula change to Chemistry M.S. and Ph.D. Programs

# Program Review

- o M.S. in Natural Resources review is scheduled for Fall 2017
- o Self-study for Math Department is still pending

#### • Promotion & Tenure

o Reviewed and acted on 27 cases for promotion and/or tenure

#### Graduate Student Senate

The purpose of the Graduate Student Senate (GSS) is to advocate for the needs of graduate students and help create a graduate student community. The GSS is the official governance body and voice for the graduate student body and was heavily involved in advocacy to improve graduate student life on many fronts this past academic year. Highlights of GSS activities for the 2016-17 academic year include<sup>8</sup>:

- Working with units across campus to discuss approaches toward improving finances for graduate students. This discussion was broken into two areas: fees and stipends.
  - The GSS engaged all fall semester into reviewing student fees. GSS then voted on each proposed fee change for the next year and submitted a letter to the BOT. In sum, the GSS voted in favor of the proposed FY18 fees for the Counseling Center, Health Services, the MUB, Transportation, Technology, Dining, and SHARPP. The GSS voted against the proposed FY18 fees for Campus Recreation, the Whittemore Center, Turf Fields, and Housing.
  - o GSS also worked directly with the Graduate School Interim Dean Cari Moorhead to put together a comprehensive review of graduate student finances. A committee was then formed, which included the Provost, VP for Finance, members of the Graduate School, and members of GSS. An agreement was made to create a long-term plan toward making graduate school more affordable. It was agreed that graduate student stipends would be raised \$1,000 each year for the next three years and that all students on an assistantship would pay half of the mandatory fees.
- GSS sponsored and wrote a number of resolutions on a variety of issues, including encouraging an inclusive university community; gender-neutral bathrooms; and presidential Election Day work commitments.
- Throughout the year GSS held a number of social events, including:
  - o A monthly pizza night aimed at bringing the graduate student community together. This year, the event was moved to Dover, NH as a large population of graduate student live in

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<sup>&</sup>lt;sup>8</sup> See Appendix F for additional detail on GSS activities.

- the surrounding area. Many graduate students who do not typically come to GSS events began attending, resulting in a significantly larger community.
- o During the fall semester, GSS held gatherings for each of the presidential debates to encourage participation and discussion.
- Co-sponsorship of a Three Minute Thesis (3MT) practice round at a local coffeehouse.
   During this event, students could practice their 3MT for the upcoming GRC competition.
   This was successful with many students attending who subsequently participated in the official competition.
- GSS worked with the Office of Campus Planning to initiate discussions on a potential graduate student center.

#### Alumni Outreach and Engagement

Working with the UNH Foundation, we created the Harry J. Richards Scholarship Fund, and tripled the number of donors and doubled the number of dollars raised through the 603 Challenge in large part through enhanced efforts to reach alumni, including former Dissertation Year Fellowship recipients.

## Other Engagement and Collaboration

The Graduate School continued to partner with dozens of departments and offices across campus to ensure quality graduate experiences (see Appendix G for a full listing of ongoing Graduate School collaborations).

# VI. Diversity

Recruitment and retention of underrepresented students continued via numerous efforts, including the following:

• Continued focus on having consistent and frequent presence with diverse students, faculty, and staff. These were achieved through targeted relationship-building activities throughout the year, mainly in the form of "Dean's Lunches/Dinners" with students in which the Graduate School deans met with diverse individuals on and off-campus for meals and individual meetings. This resulted in the formulating of numerous robust relationships with the diverse community across campus, which in turn allows the Graduate School to react nimbly and quickly to challenges and issues that arise.

An example was our ability to convene the majority of students impacted by the executive orders on immigration for a lengthy dinner, followed by numerous individual meetings, which we strongly believe were critical to making these students feel supported and embraced by the university. Going forward, the Graduate School will elevate these efforts in several ways, including the hiring of a graduate assistant to assist with coordinating these efforts.

Continued efforts to enhance relationships with minority-serving institutions. In
particular, we are seeing our decade-long effort with the University of Puerto RicoMayaguez paying off in numerous ways, including an established pipeline of strong
candidates to our doctoral programs in engineering, and faculty/staff engagement
across campus in strengthening this connection. This resulted in plans to submit an
EPSCOR proposal, which included Graduate School assistance.

- Graduate School funding was used to support visits to UNH from underrepresented applicants. These were multi-day visits coordinated by the Graduate School to meet with prospective faculty members and current graduate students.
- We continue to target McNair Programs across the country as part of our recruitment
  efforts. Information sessions were held with the UNH McNair Scholars program, and
  direct electronic correspondence was provided to each scholar and coordinator in the
  130 McNair programs. Connections with New England-based McNair Programs are
  proving to be a useful pipeline of diverse graduate students, and this is being
  supported through initiatives including the above mentioned campus visits.
- The Institute for the Recruitment of Teachers (IRT) at Phillips Andover continues to provide a portion of our minority applicants. As one of the original institutional sponsors of the program, our relationship with IRT has served us well over the years.

#### VII. Academic Support Services

The Graduate School coordinated academic support services for all graduate students across a variety of areas. Highlights of these efforts include the following<sup>9</sup>:

- Acted on and processed all petitions for exceptions to academic policy, warning letters for unsatisfactory performance, dismissals, requests for extensions to time limits, leaves of absence, withdrawals, special grade reports, discontinuation of degree statuses, monitored special conditions of admission, and requests for transfer of credit.
- Worked closely with the Office of Disability Student Services to support graduate students with disabilities and to ensure accommodations are documented and reasonable.
- Hosted a process mapping exercise with faculty from HHS and Education to determine best practices in working with students who have capstone internship experiences to ensure that students know their rights and responsibilities when it comes to health, wellness, disabilities, and professional conduct expectations.
- Continued to conduct background checks on all students who will be on an assistantship and have yet to find a problem that would preclude a student from their role on an assistantship due to a failed background check.
- Worked closely with University Counsel on a limited number of time-consuming legal cases and threats of legal action.
- Participated on the Behavioral Intervention Team to ensure that the Graduate School perspective is central to university responses for graduate students.
- The Graduate School continued to provide leadership on issues related to student retention and time to degree. We have been more deliberate about highlighting issues with programs regarding IC grades, and time to degree (i.e., all applications for extensions must now have a detailed timeline of remaining steps to successful completion).
- With the national increase in mental health issues on college campuses, the Graduate School continues to work with health services and the Counseling Center to address these issues locally. One example is the promotion of Kognito for graduate assistants.
- Hosted the annual PhD luncheon in May, which was attended by over 100 PhD students and faculty sponsors. This luncheon is very much appreciated by both the students and

<sup>&</sup>lt;sup>9</sup> See Appendix H for additional detail on academic support services undertaken this year.

their sponsors and highlights the breadth and quality of the research conducted by our doctoral students across campus.

## VIII. Graduate School – Manchester Office

The Graduate School's Manchester Office offers twelve programs at the master's, Ed.S. and certificate levels: MBA, MED in Elementary Education, MAT and MED in Secondary Education, MED in Educational Studies, EDS in Educational Administration, MPA, MPH, MSW, MSIT, and certificates in Public Health and Substance Use Disorders. Highlights for the 2016-17 academic year include <sup>10</sup>:

- Participated in 50+ recruitment activities, along with numerous marketing and outreach
  efforts including the Chamber of Commerce, Local Government Center, American Public
  Health Association, UNH Benefits Fair, Tri-City Expo, HR Conference, Christa
  McAuliffe Technology Conference and a number of smaller venues, including Concord
  Leadership Class, AmeriCorps/City Year, and the NH High Tech Council.
- Hosted several professional development opportunities for graduate students in preparing for doctoral study, resume writing, and using LinkedIn as a networking tool for career advancement.
- In collaboration with UNH Manchester's Center for Academic Enrichment and Career Services, co-hosted multiple undergraduate preparatory workshops on applying to graduate school and writing the personal statement.
- Worked with OISS, Enrollment Management/UNHM, and MSIT graduate program to enroll additional international students.
- Hosted alumni events for the MPA and MSW programs.
- Coordinated and participated in new student and faculty orientation programs.
- Worked with the local YMCA to develop a MOU for discount on graduate courses.

#### IX. Interdisciplinary Programs

The Graduate School houses UNH's interdisciplinary programs that are offered at the doctoral, master's, and certificate levels. Highlights from these programs for 2016-17 include<sup>11</sup>:

#### **Analytics**

The M.S. in Analytics program successfully enrolled their inaugural cohort of more than 20 students and held a successful hooding ceremony for them in spring 2017. They welcomed their second cohort this June, which is comprised of an even larger class.

#### Carsey School of Public Policy

The Carsey School of Public Policy is a nationally recognized resource for policy-related research, leadership development, and engaged scholarship. We address the most pressing challenges of the twenty-first century, striving for innovative, responsive, and equitable solutions from all levels of government and the for-profit and non-profit sectors. With an expanding range of degree and non-degree programs, the Carsey School offers a growing number of opportunities

<sup>&</sup>lt;sup>10</sup> See Appendix I for additional detail on the Graduate School's Manchester Office 2016-17 activities and highlights.

<sup>&</sup>lt;sup>11</sup> See Appendix J for additional detail on the interdisciplinary program 2016-17 activities and highlights.

for those interested in beginning, or advancing, careers in public policy. Numerous highlights and accomplishments from 2016-17 include:

- Carsey welcomed its inaugural class of Masters in Public Policy degree students in August 2016, and in June 2017 hooded the first graduates of the program.
- Carsey held events before and after the 2016 presidential election and published research to inform the national and state conversations.
- With support of partners across all UNH campuses, Carsey continued to build the school's academic programs and to strengthen relationships across the state and the nation with policy leaders and organizations at the forefront of public policy today.

# College Teaching

The Center for Excellence and Innovation in Teaching and Learning (CEITL) jointly administers, with the UNH Graduate School, the Academic Program in College Teaching. CEITL is responsible for a) academic advising for all graduate students enrolled in the programs, b) handling inquiries from and advising non-UNH people interested or involved in the Certificate in College Teaching, and c) activities related to course offerings: instructors, scheduling, advertising, etc.

# Geospatial Science

The Certificate in Geospatial Science enrolled four students as their primary program and 6 students as a secondary program. Three students competed the certificate as a secondary program between September 2015 and May 2016. For the upcoming year, enrollment is expected to increase, with eight students currently signed up for the certificate as their primary program, and 12 students currently signed up as their secondary program.

# Natural Resources and Earth Systems Studies

The interdisciplinary doctoral programs in Natural Resources and Environmental Studies and Earth and Environmental Science under the umbrella of Natural Resources and Earth System Sciences remain the largest doctoral program on campus. Highlights from 2016-17 include:

- Receiving the greatest number of DYF awards for a single program
- Coordinating the Environmental Science Seminar Series
- Distributing \$13,020 in student support

#### X. Goals, Actions, and Challenges

This was a year of change in the Graduate School across and campus. In this transitional moment, it is prudent to highlight our areas of strength and determine which areas are emerging as opportunities, both strategically and operationally. These are discussed below, and are also illustrated in our project map (see Appendix L) indicating the Graduate School's overarching tasks, along with the specific work for each area. These also include a "traffic light" rating to show the level of progress made toward each area's full execution. These show the depth and breadth of the Graduate School's work, progress made over the past year, and the areas requiring further advancement. Major advances were made over the past year, and our goal for AY2017-18 is to build on that and "Go for Green" in each category.

#### Recruitment and Enrollment

• Work with Provost's Office and Enrollment Management to create metrics for understanding graduate programs' financial sustainability.

<u>Impact</u>: Revenue at the graduate level is processed differently than at the undergraduate level. Understanding the impact of the current model will allow us to make necessary adjustments to support financially sustainable growth at the graduate level, including adequately addressing the increased interest in interdisciplinary-based programs.

• Oversee major technological transitions from recruitment (Salesforce), to Admissions (TargetX) through Graduation (Courseleaf).

Impact: Graduate education is a very decentralized and complicated process. For example, graduate admissions involves three Graduate School staff coordinating the admissions process for 400 people across campus representing the 50+ graduate programs (from survey of programs). Our admissions staff work very hard to reduce turnaround time for domestic and international decisions. The implementation of the TargetX application platform will allow for continuing to increase efficiencies. It allows for a program specific interface for applicants and for better access for faculty reviewers. Similarly, the oversight of academic progress toward degree and graduation certification is also a complex and multifaceted endeavor. These strategic efforts magnify the reach and effectiveness of program based narratives for recruitment. We will have more efficient processing at all stages of the student life cycle, i.e., recruitment, admissions, throughout their studies, and upon graduation.

Our continued leadership with the Salesforce Customer Relationship Management system will allow us to provide value-add to program marketing and recruitment efforts.

• Support and enhance efforts to recruit underrepresented minorities into graduate programs. These efforts will continue building on existing initiatives, including our work within the Northeast Alliance for Graduate Education and the Professoriate to partner with minority-serving institutions in order to provide a pipeline for their best and brightest students into our programs. A leading example is our decade-long collaboration with the University of Puerto Rico-Mayaguez, which has resulted in numerous underrepresented doctoral students in our engineering programs, multiple faculty visits and research connections, and plans to submit an EPSCOR grant together this fall.

In addition, we are hosting an open house this fall for prospective applicants from the Institute for Recruitment of Teachers, another consortium focused on addressing issues of representation, of which we are a long-standing member. Through collaboration with faculty and staff from across campus, including the COLA Dean's Office and the Provost's Office, we will lead efforts to bring these students to campus in order for them to meet with their programs of interest.

We are also hiring a graduate assistant to assist us with overall recruitment and retention efforts focused on underrepresented graduate student populations, and to ensure graduate level participation in efforts regarding concerns about inclusion and equity on campus.

<u>Impact</u>: This initiative will help attract and retain URM students to UNH.

 Maintain high academic quality as we diversify international graduate student recruitment.

<u>Impact</u>: The university is working to broaden the number and reach of our international student populations. While we have long welcomed highly qualified international students to our graduate programs, particularly research based areas, we are seeing a shift to more self-paying international students at the master's level. We will work to ensure that these students are prepared to successfully complete their studies.

#### High Quality Financially Sustainable Academic Programs

The Graduate School is the home of all graduate-level interdisciplinary programs, with several recent graduate level offerings created in this space. These programs often share common features, such as an online/ hybrid component and schedules appropriate for working professionals. In support of the university's goal to increase financially sustainable graduate-level programs, the Graduate School will continue to:

• Convene a taskforce, made up of members of the graduate council, to review the curriculum development process at the graduate level.

<u>Impact</u>: The overall effort will provide increased clarity for departments to develop and more rapidly implement new and revised programs, particularly in the interdisciplinary space, while maintaining faculty oversight and quality standards.

Continue review of internal processes. Business processes have a major impact on the
efficiency. This year due to the SIPs there was considerable change in the makeup of
personnel involved in all aspects of processing graduate assistantships. Working with the
central and college level BSC's, the OISS and others, we engaged in a LEAN process to
re-engineer the process from admission to first paycheck.

<u>Impact</u>: By bringing all the parties together, we highlighted the interconnected nature of the process. The streamlined process is more efficient.

- Working with the Provost, the Deans, and Enrollment Management, we will compile a set of core metrics that are critical to our understanding of graduation at UNH. These metrics will provide information at the campus, college and program level.
  - o Currently we have accessible data for:
  - o Applications, Acceptances and Admissions,
  - Enrollment demographics
  - Retention rates
  - o Time to degree
  - o Career placement (First Destination Survey; PhD Survey).
  - Academic Analytics

- The university is looking to expand the number of financially sustainable graduate level programs. Therefore, we are aiming to work with Provost's Office and Enrollment Management to enhance the ease of availability regarding the financial aspect of enrollments:
  - o Distribution of assistantships by type
  - o Sources and types of funding for students
  - o External fellowships

<u>Impact</u>: Make the activity of graduate education on campus more visible, and allow access to data for decision-making purposes.

# State Engagement

• In keeping with the overall UNH Strategic Plan's goal to "Continue to identify ways to leverage the intellectual capital of the university to help make a meaningful difference in the lives of people across the state", we will focus on identifying potential avenues towards program development and access to address pressing state needs, and to further engage state-based stakeholders and alumni, e.g., state legislators.

<u>Impact</u>: These efforts and conversations intersect with supporting the university's landgrant mission

## **Funding**

• Support financial accessibility to graduate education through our funding opportunities designed to support students financially and professionally by enhancing their ability to write funding proposals. Continue this year's progress on fees and base stipend levels. Promote opportunities to seek external funding.

<u>Impact</u>: The Graduate School supports access to graduate education by being a strategic partner with the schools through our financial aid programs, Summer TA fellowships; Dissertation Year Fellowships, and with the Research Office and the Office of Fellowships, e.g., the NSF GRFP proposal enhancement process.

#### Professional Development

• Continue to enhance co-curricular professional development opportunities for graduate students, (PFF, PFP, RCR, GRC, 3MT) including enhanced TA training in general areas such as Title IX and cultural competencies.

<u>Impact</u>: By organizing and hosting multiple professional development opportunities, we are supporting students' ability to understand and communicate their educational experience, thereby preparing them for success both in graduate school and beyond.

• Enhance the use of technologies, such as video podcasts, to increase access to professional development programming for students.

<u>Impact:</u> We want to maintain access to professional development for all students; for example, videos provide access to our growing online/ hybrid student body and captioning of videos will support access for students with hearing challenges.

• Continue strengthening partnerships across campus to ensure availability of graduate services (e.g., ongoing partnership with CAPS regarding graduate student access career services).

<u>Impact</u>: These opportunities support students as they explore the array of available career opportunities. Working with CAPS allows for tailoring and targeting of opportunities to the graduate population.

• Coordinate with the Dean of Students on student life issues (executive orders, diversity, BIT cases, and mental and physical health).

<u>Impact:</u> The Graduate School provides information on resources to the graduate student body. We work with all parties to ensure that student life discussions and decisions are informed by our understanding of graduate education and its complexities. This mutually agreed upon approach enhances the students' ability to be academically successful within the framework of our strong institutional academic values.

#### Outcomes

• Continue to work on outcomes measurements including First Destination survey, PhD tracking survey, and Academic Analytics.

Impact: We will have more robust data for use in recruitment and program review.

#### Alumni Outreach

Increasing interdisciplinary and enhancements to students' professional development opportunities to necessitate the need for a sustainable financial model. We will continue to increase outreach with alumni and others supportive of our efforts. We intend to fully fund the Harry J. Richards Scholarship (\$50K by 2019).

<u>Impact</u>: This year we tripled our participation levels (dollars and donors) in the 603 Challenge, and we hope to continue improving those numbers.

Interdisciplinarity<sup>12</sup>

<sup>&</sup>lt;sup>12</sup> See Appendix J for the full listing of all interdisciplinary graduate programs.

Create an executive committee of program directors for all the interdisciplinary programs that report to the ground school (Analytics, Carsey, College Teaching, Geospatial science, and NRESS), and invite the Marine School.

<u>Impact</u>: These Schools and Programs at the heart of interdisciplinarity on campus. Creating a mechanism to enhance opportunities to work together will strengthen interdisciplinarity.

# Visibility

 Building on our recent branding exercise, we have developed a more comprehensive communications strategy, which includes our Salesforce outreach to applicants, our Canvas messaging aimed at current students and our social media suite for our broader stakeholders.

<u>Impact:</u> Increased visibility helps to increase awareness and visibility of the work of the Graduate School. We have a vast network of collaborations across campus. Our efforts inform the broader community enhances attendance and participation in all aspects of work.

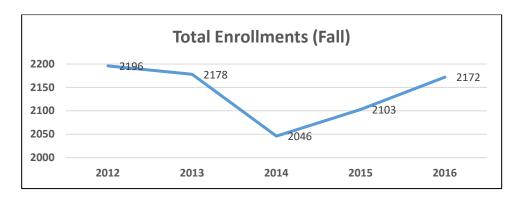
• Collect and tell more stories of graduate students and alumni success.

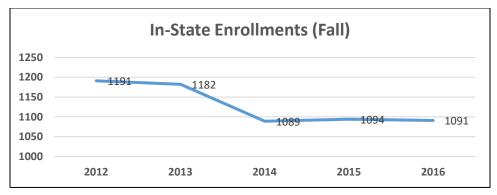
<u>Impact</u>: Increased visibility through stories broadly increases visibility of the contribution of graduate students to the teaching and research mission of the campus.

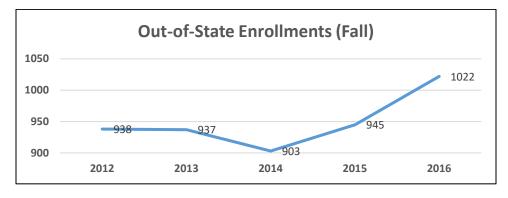
# **XI.** Appendices

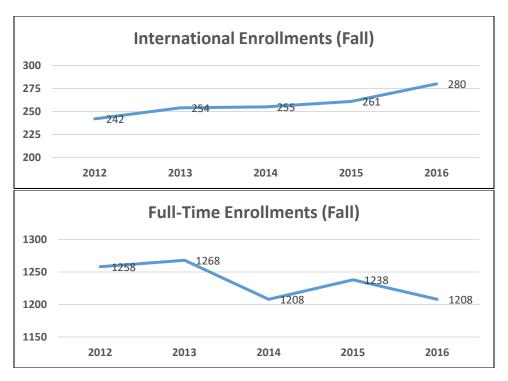
Appendix A Enrollment, Applications, Admittances and New Matriculations

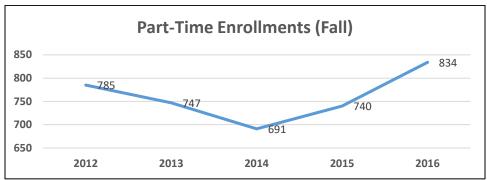
# **Enrollments**

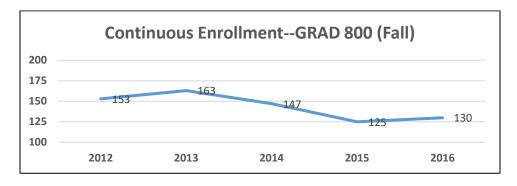


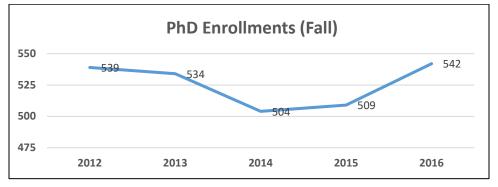


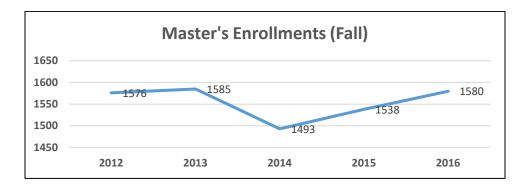


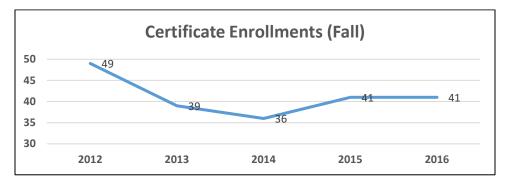


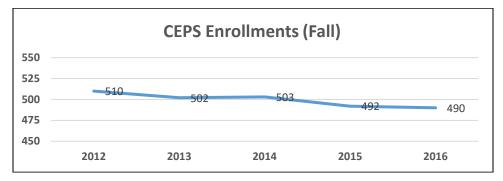


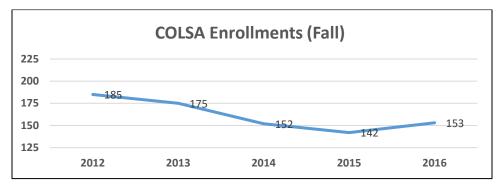


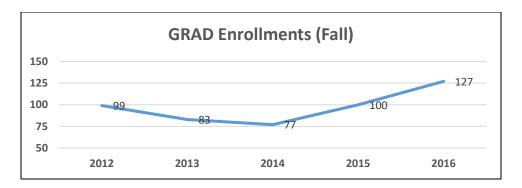


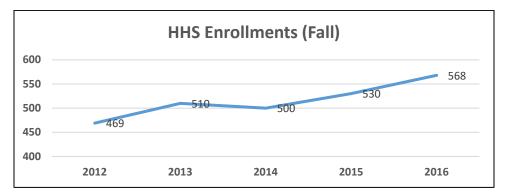


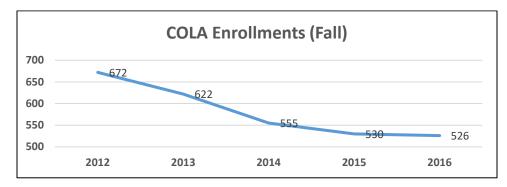


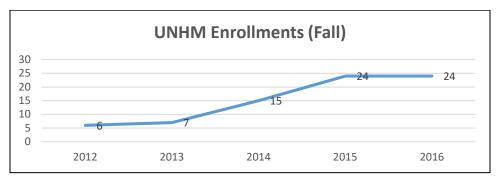




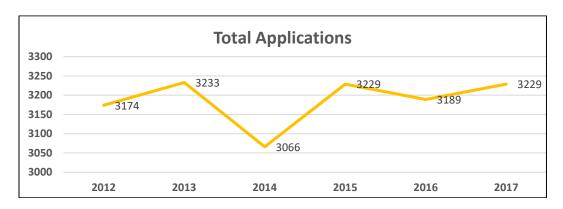


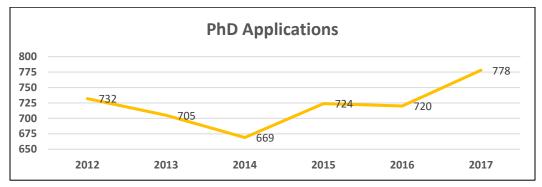


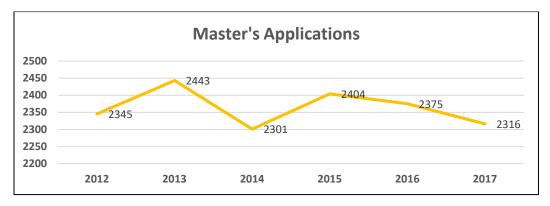


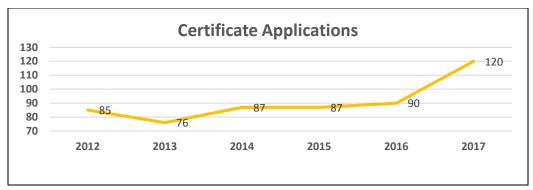


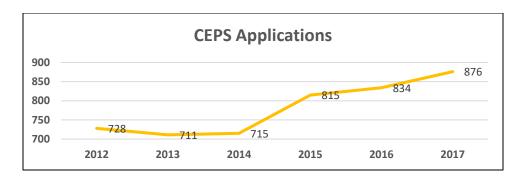
# **Applications**

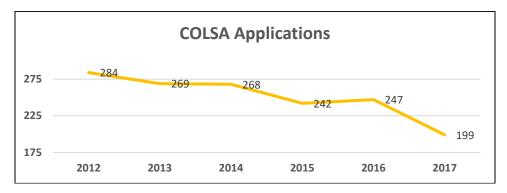


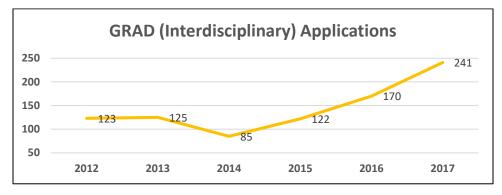


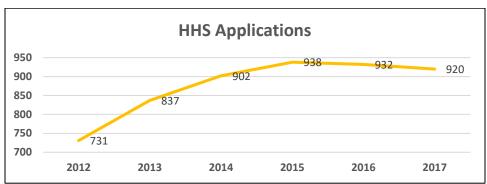


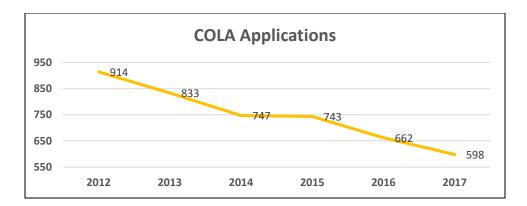


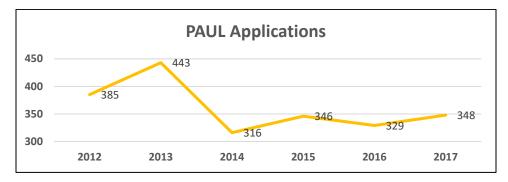


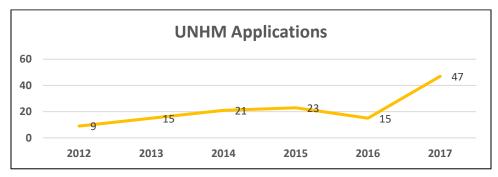




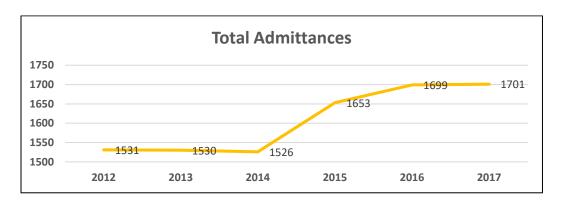


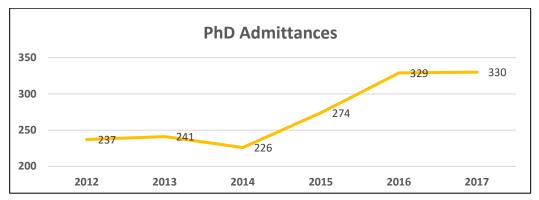


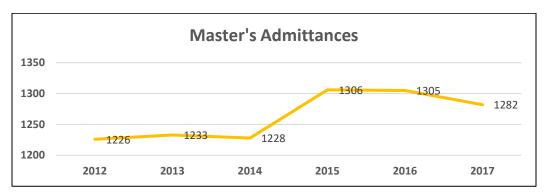


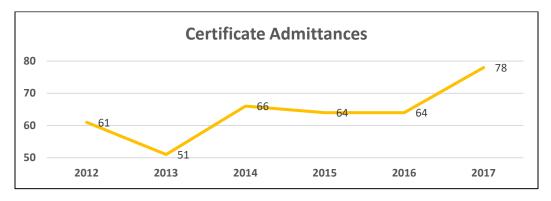


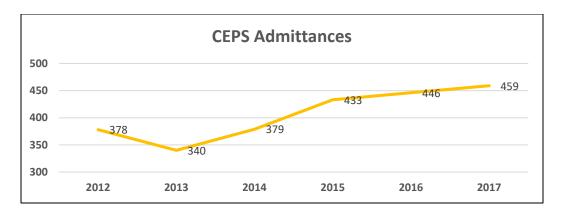
# **Admittances**

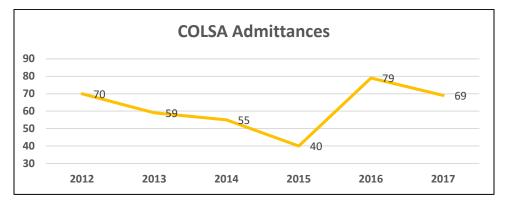


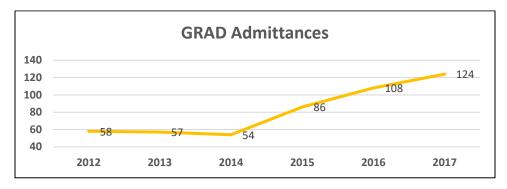


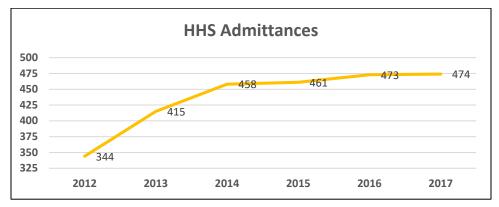


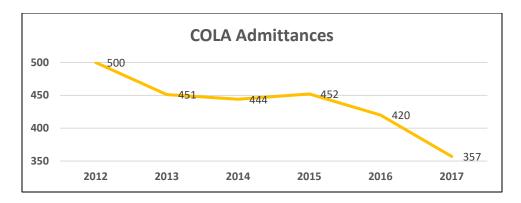


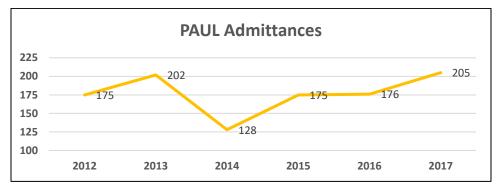


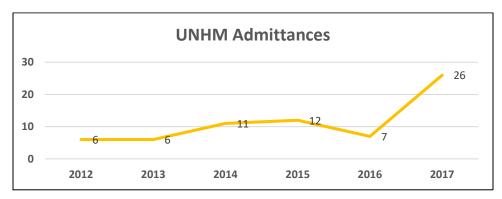




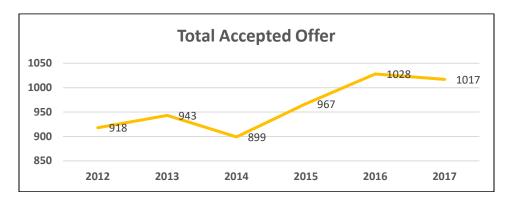


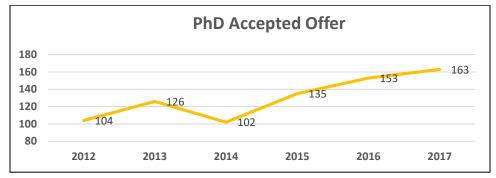




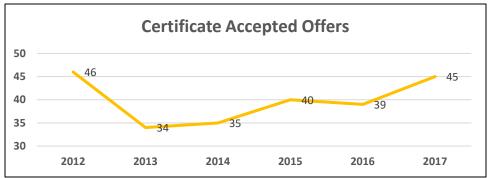


# **New Matriculations**



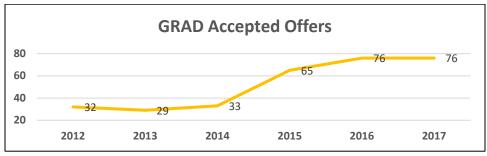


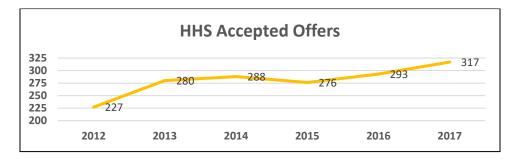




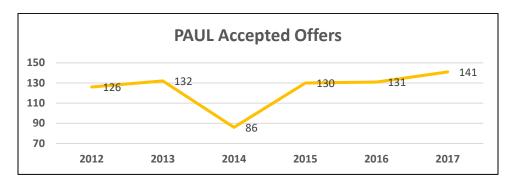


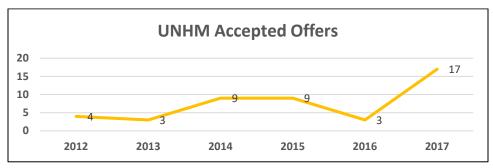












# Appendix B Annual Professional Development Report

The graduate school offers a variety of professional development events throughout the academic year, many of which are collaborations with different departments and offices across campus.

#### Research

- NSF/GRFP Information Session Sept. 1 (65 students)
- Dissertation Year Fellowship Information Session 1— Oct. 5 (26 students)
- Dissertation Year Fellowship Information Session 2 Oct. 11 (17 students)
- Graduate Research Conference Poster Session April 10 (112 students)
- Graduate Research Conference Oral Presentations April 11 (145 students)
- Three Minute Thesis Challenge April 2017 (18 students)
- Homecoming Poster Session (11 students presented)
- 2 Summer TA Fellowship Information Session (64 students)
- National Science Foundation Research Traineeship (NRT) Project proposal submitted for STEM Writing Academy
- Love Your Data Week Feb. 13-17

## **Responsible Conduct of Research**

■ RCR training – October 7 (99 students)

## **Preparing Future Faculty & Professionals**

- Graduate School Welcome Session September 16 (46 students)
- Graduate School Interest Survey 525 responses
- Talk about Teaching The Multilingual Student in the University Classroom Sept. 20 (13 students)
- LinkedIn 101 Workshop sponsored by Career Services Sept 22 (2 students)
- Sponsored students to attend the Portsmouth Black Heritage Conference (7 students)
- The Learning Styles Hypothesis: Does Aligning Instructional Method with Students'
   Preferred Learning Styles Lead to Better Understanding? Nov. 15 (7 students)
- Open Educational Resources: What they mean for you as a graduate student or instructor
   Nov. 16 (3 students)
- How to Conduct Yourself as a Professional with Maureen Crawford-Hentz Nov. 17 (28 students)
- Hiring in Academia Panel Nov. 22 (27 students)
- Lunch with the unit directors and learn about where your fees go Nov. 29 (15 students)
- Individual Development Plan (IDP) Workshop Nov. 30 (18 students)
- January 2017 Graduate Assistant Orientation, January 19<sup>th</sup> (18 students)
- Talking about Teaching: Classroom Assessment Feb. 21
- Three Minute Thesis Practice Run Feb. 22 (11 participants, 60 attendants)
- Edward Tufte one-day course: Presenting Data and Information (22 students funded)
- Build Your Brand/Social Media Workshop March 21 (24 students)
- My IDP (Individual Development Plan) Workshop, March 22nd (11 students)
- LinkedIn Workshop March 28 (17 students)

## **Professional Writing**

- Summer Writing Group, 11 week program, Dimond Library (25 students and 9 faculty participated)
- Graduate Student Writing Group fall 2016 (66 participants) and spring 2017 (60 participants)
- Thesis and Dissertation Workshops Nov. 3, 11, & 28 (40)
- Graduate School Live Free or Die Writing Boot Camp Jan. 9-13 (42 students)
- 2 Thesis and Dissertation Formatting Workshops March 15 and 16 (16 students)

#### **Health and Wellness**

- We are currently working with SHARPP, Safe Zone, and the Wellness Center to establish training geared toward Graduate Students.
- Maintaining Self Confidence and Fighting Imposter Syndrome in Academia Nov. 16, co-Sponsored by Health Services and Women in Science.
- Have you been stressed out? Get a Wellness tune-up! Graduate student wellness workshop (8 students)
- Finding Balance Workshop March 7
- Write Within: Expressive Writing Workshop March 20
- Goal Setting Workshop March 21
- Coping With Stress March 28

#### **Networking**

- Dinner & Lecture: From Typewriters to Twitter (Jack Edwards) Sept. 21 (13 students)
- Dinner & Lecture: Everyone is a little bit Trans, (Ian Harvie) Oct. 13 (20 students)
- 3<sup>rd</sup> Presidential Debate Watch Event, co-sponsored with the Graduate Student Senate Oct. 19<sup>th</sup> (23 students)
- Social Night at Flight Coffee in Dover, co-sponsored with the Graduate Student Senate Oct. 20<sup>th</sup> (22 students)
- Dinner & Lecture: Can nice girls win (races)? Nov. 9 (23 students)
- Dinner & Lecture: Girl in the Woods (4 students)
- Social Night at Thirsty Moose in Dover End of semester holiday special, co-sponsored with the Graduate Student Senate, Dec. 15 (70 students)
- Social Night in Dover First Thursday, Feb. 2 (60 students)
- Social Night in Dover First Thursday, April 6 (50 students)
- Take a Grad to Lunch, (110 students)
- "May the Fourth Be With You" First Thursday May 4 (50 students)

# Increased visibility in the social media

The Graduate School's visibility greatly increased during the 2016-17 academic year. We added Twitter and Instagram to our social media accounts (Facebook and LinkedIn were already established). Through these, we are able to directly communicate and engage with our students and remind them of upcoming events, important information, and fun and exciting activities around campus, such as our "Selfie with Your Advisor" campaign that we featured on Facebook and Twitter. The winners were:

Random drawing: Stefanie King and her advisor Dr. Todd DeMitchell, Dept. of Education and for Most Creative Selfie (as voted on by the Council of Graduate School): Holly Fosher and her advisor Dr. Bob Barcelona, Dept. of Recreation.

- We also created a weekly newsletter that students receive via Canvas each Monday. Each week, we highlight upcoming events, important dates and deadlines, and general interest items (such as upcoming seminars or workshops) that we believe may benefit our graduate students. We invite students to contribute to the newsletter by submitting their own events and information.
- The Graduate School also increased the number of original articles posted on its website; these stories highlight and feature different programs, such as our J-Term Writing Boot Camp and Three Minute Thesis competition. We have also written articles about a number of students and their research and recent achievements. A few examples of recent articles include 1) A feature about a graduate student looking to extend regional production of strawberries and 2) interviews with the five recent graduates of the Department of Education Ph.D. program.
- During June 2017, The Graduate School participated in the 603 Challenge and had its most successful campaign to date. Forty-six donors generously supported graduate student education by contributing almost \$3,000 (excluding unmatched funds and bonus challenges). We anticipate almost triple the amount of funds that were raised last year, and we credit a lot of our success to our increased visibility. In addition to maintaining a strong social media and e-mail presence during the campaign, we encouraged students to take pictures with a #UNH603 sign provided by UNH, and we featured these photos on our website, Twitter, Facebook, etc.
  - o Facebook likes for our Graduate School page 1036 likes and 1017 follows
  - o Twitter followers 209 (started in the beginning of the academic year)
  - LinkedIn: We have 239 members of the UNH Graduate School LinkedIn group and 178 members of the UNH Graduate School Manchester Campus LinkedIn group

## **Stories about Graduate School Success:**

- Expanding Horizons: http://gradschool.unh.edu/explore\_puertorico.php
- Research on the Road: http://gradschool.unh.edu/explore tmtprep.php
- Graduate Students 'live free or die writing' during J-Term: <a href="http://gradschool.unh.edu/explore\_bootcamp.php">http://gradschool.unh.edu/explore\_bootcamp.php</a>
- Leading the Way in Compost Management: <u>http://gradschool.unh.edu/explore\_compost.php</u>
- Leading by Example: https://gradschool.unh.edu/explore\_gss.php
- Becoming a Student of the Game: https://gradschool.unh.edu/explore bronner.php
- Faculty Excellence: <a href="https://www.gradschool.unh.edu/explore\_goldberg.php">https://www.gradschool.unh.edu/explore\_goldberg.php</a>
- Strawberries: More than a summer fruit?: https://gradschool.unh.edu/explore berries.php
- Five Paths, One Goal: https://gradschool.unh.edu/explore\_educphd.php
- UNH Researchers Identify Five New Truffle Species: http://gradschool.unh.edu/explore\_truffles.php
- Part-time MBA Program Among Top 100 Nationally:
   <a href="https://www.unh.edu/unhtoday/2017/03/unh-part-time-mba-program-ranked-among-top-100-nationally">https://www.unh.edu/unhtoday/2017/03/unh-part-time-mba-program-ranked-among-top-100-nationally</a>
- Excellence in Ecology: UNH ranks second nationally in ecological research, scholarship: http://gradschool.unh.edu/explore\_ecology.php

# **Videos Displaying Graduate Student Research**

Graduate School YouTube Channel: <a href="https://www.youtube.com/channel/UCCjEhI7orm32rbeHjUJsNnA">https://www.youtube.com/channel/UCCjEhI7orm32rbeHjUJsNnA</a>

## Appendix C

# Responsible Conduct of Research and Scholarly Activity (RCR) 2017 Annual Report

- ➤ Dr. Simpson and Dr. Maria Emanuel (UNHInnovation) offered one section of GRAD 930 (Fall 2016). Ten students enrolled. Skyped Dr. Ivan Oransky (co-founder of Retraction Watch) to present about retractions in class on Research Misconduct.
- ➤ Dr. Simpson coordinated and offered three RCR training sessions (that met NSF & USDA NIFA requirements). Enrollment was as follows: 26 in October 2016; 27 in February 2017; and 33 in May 2017. Dr. Summer Cook co-facilitated the October session with Dr. Schwadron; Dr. Schwadron co-facilitated the February session with Dr. Simpson; and Dr. Cook co-facilitated the May session with Dr. Simpson.
- ➤ Dr. Simpson provided two RCR sessions for DNP students in December 2016 (15 students) and May 2017 (11 students).
- ➤ Dr. Simpson gave scholarly integrity presentations at the fall 2016 and spring 2017 graduate assistant orientations (approximately 268 attendees total).
- ➤ During AY17, Dr. Simpson gave ethical and responsible conduct of research presentations in approximately 17 undergraduate and graduate classes (412 attendees), and to two groups of staff and faculty (19 attendees).
- > Dr. Simpson worked with the Faculty Senate to obtain approval of proposed changes to Misconduct in Scholarly Activity policy after two years of negotiations. The changes are now with the UNH President for approval.
- ➤ Graduate School staff and Dr. Simpson developed RCR pages for the MyCourses modules for PhD students and master's students.
- ➤ The UNH Responsible Conduct of Research and Scholarly Activity Committee met 6 times.
- ➤ Completed the development of a UNH RCR Library Guide to facilitate the centralization and promotion of RCR resources on campus. The RCR LibGuide is kept current and has been expanded since its initial release to include more topics.
- > Developed and published an RCR program infographic.
- ➤ Reviewed and revised slightly the RCR program goals, and developed a list of FY18 goals for the committee.

# Appendix D Technology Support

- > E-UNH continued to work with our office to improve communication with our applicants and prospects as we continue to add more online programs at UNH.
- ➤ BOX became our new "file server" as we moved all office documents to BOX last summer in fall.
- ➤ UNH Law School: Continued to provide technical support for the Law School in regards to Banner and AXIOM training so that the Law School can now manage their own data migration between ACES and Banner; brought Law onboard with the purchase of TargetX and will be helping them to set up their online application with this new product for their online grad programs; create and run a variety of error reports that we then provide to Law to keep track of their records in Banner.
- ➤ WEBI continues to be our main reporting tool and our office continues to create and update WEBI reports as needed. A dozen new reports were added to production and many more were created in our ad-hoc area for both staff and other departments to use.
- ➤ Purchased new computers and upgraded existing ones for staff and graduate assistants; configured new computers in office to ConfigMan with UNH IT; updated software and operating systems for most office personnel. By the end of this summer all computers in the office will be on the most current versions of office with windows 10 and IE 11. We also moved a few staff over to Adobe Cloud to provide them with the latest tools for creating marketing and web materials, forms, and improve productivity within the office.

# Appendix E Graduate School Financial Support (Student and Faculty Awards)

- Graduate Student Teaching Award 2016-17
  - o Stephen Milligan, History (Masters)
  - o Kyle Gray, Mathematics (Ph.D.)
  - o Lauren Koenig, NRESS (Ph.D.)
- Graduate Student Research/Scholarship/Creativity Award 2015-16
  - o Keith Kempenich, History (Masters)
  - o Michael Verney, History (Ph.D.)
- 3-Minute Thesis Competition
  - o Drummond Biles, Ph.D. Mechanical Engineering: First-place
  - o Meagan Wengrove, Ph.D. Ocean Engineering: Second place
  - o Ryan Stephens, Ph.D. Natural Resources: Third place
  - o Holland Prior, MFA Nonfiction Writing: People's Choice
  - o Jovana Milosavljevic-Ardeljan, Ph.D. Education: People's Choice Runner-Up
- Graduate Faculty Mentor Award
  - o Presented the 2016 Faculty Mentoring Award at the fall 2016 University Awards dinner to Professor Michael Goldberg, Economics
  - Announced Professor Diane Foster, Mechanical Engineering, as the 2017 Faculty Mentoring Award recipient
- 2017 Summer Faculty Fellowship Recipients (6 awards)
  - o Betsy Carter, Political Science
  - o Mahdavi Devasher, Political Science
  - o Elyse Hambacher, Education
  - o Kyle MacLea, Biological Sciences
  - o Samantha Seal, English
  - o Nan Yi, Chemical Engineering

## • 2017 Summer Teaching Assistant Fellowship Recipients (50 awards)

| Melissa Bauer, NREN: Wild Bio       | Linas Kenter, Zoology                     |
|-------------------------------------|---|
| Alexander Blandina, Psychology      | Sital Khatiwada, Mech Engineering         |
| Connor Breton, NREN: Forestry       | Richard Knecht, Earth Sciences Geology    |
| Elizabeth Bright, Chemistry         | Kara Koetje, Ocean Engineering            |
| Sophia Burke, NRESS: Enscience      | Katharine Langley, BSCI: Int. Org         |
| Jennifer Calawa, Microbiology       | Danielle Lavendier, English               |
| Jordan Coulombe, History            | Trent Lemkus, Mathematics Statistics      |
| Allisa Dalpe, Ocean Engineering     | Corey McCullough, English                 |
| Sarah Dean, Psychology              | Jillian Means, Microbiology               |
| Jennifer Demers, Psychology         | Kelsie Miller, BSCI: Marine Biology       |
| Corinne Disenhof, Civil Engineering | Kaitlyn Orde, BSCI: Agricultural Sciences |
| Meaghan Dittrich, English           | Brian Patenaude, Chemistry                |
| Victoria Duback, BSCI: Int. Org     | Zane Relethford, Chemistry                |
| Mary Elliott, English               | Kiley Remiszewski, NRESS: Enscience       |
| Nathaniel Ennis, Microbiology       | Derek Rothenheber, Microbiology           |
| David Fifty, Mathematics Education  | Elizabeth Sheckler, English               |
| Fernanda Fischer, Civil Engineering | Lauren Short, English                     |
| Beth Fornauf, Education             | Meghan Stark, Genetics                    |

| Saeede Ghorbanpour, Mechanical     | Matthew Strobel, Genetics              |
|------------------------------------|--|
| Engineering                        |  |
| Kyle Gray, Mathematics             | Rebecca Van Horn, English Writing      |
| Jason Green, Mathematics           | Petra Varsanyi, Electrical Engineering |
| Meghan Hartwick, Mol Evl. Sys Bio  | Zhiming Zhang, Electrical Engineering  |
| Jennifer Hill, Genetics            | Meng Zhao, Mathematical Statistics     |
| Carter Holt, Chemistry             | Yuxin Zhou, Biochemistry               |
| Katherine Ineson, NRESS: Enstudies | Brian Zukas, Chemical Engineering      |

# • 2017-18 Dissertation Year Fellowship Awards (15 awards)

Daniel Charles, Chemical Engineering Guangxing Yang, Chemical Engineering Hamidreza Anajafi Marzijarani, Civil Engineering Mirkat Oshone, Civil Engineering Erika Baril, Education Carla Evans, Education Matthew Cheney, English Elizabeth Sheckler, English Miroslav Zecevic, Mechanical Engineering Amanda Daly, NRESS: Enscience Cameron Mcintire, NRESS: Enstudies Ryan Stephens, NRESS: Enstudies Kara Anne Rodenhizer Stampfli, Psychology Nathaniel Stafford, Psychology Justine Oliva, History

# Appendix F Graduate Student Senate Annual Report AY2016/2017

The purpose of the UNH Graduate Student Senate (GSS) is to advocate for the needs of graduate students and help create a graduate student community. We are the official governance body and voice for the graduate student body. GSS was involved in advocacy to improve graduate student life on many fronts this past academic year. As part of this, GSS met with administrators throughout the year to discuss graduate student life, as well as student groups from across campus. GSS worked to engage stakeholders across the campus in an effort to continually increase the visibility of graduate students.

Throughout the year, GSS held bi-weekly meetings that discussed any topics brought up by senators or members at large. Guests were also invited to meetings as a way to strengthen the connection of the UNH community to this representative body and the graduate community. The meetings were attended by senators, members at large, and past senators. This produced ample discussion on a number of topics brought up throughout the year. It greatly served as meeting of the minds for graduate students, and gave students a location to engage with others outside their own dept.

# **➢** GSS served on a number of committees across campus including:

- Advisory Council on Community, Equity, & Diversity
- Alumni Association Board of Directors
- Faculty Senate
- Faculty Senate Student Affairs Committee
- Faculty Senate University Curriculum and Academic Policy Committee
- Faculty Senate Academic Affairs Committee
- Faculty Senate Campus Planning Committee
- Faculty Senate Ad hoc Committee on Teach Evaluation Standards
- Graduate Council
- Health Insurance Advisory Committee

- Healthy UNH
- MUB Board of Governors
- President's Commission on the Status of LGBT Issues
- President's Commission on the Status of Women
- Responsible Conduct of Research and Scholarly Activity Committee
- Space Allocation, Repairs and Renovations Committee
- Space Allocation, Repairs and Renovations Committee
- Transit Advisory Committee
- Transportation Policy Committee
- University System of New Hampshire Board of Trustees
- University System of New Hampshire Student Board
- Reports from these meetings were distributed to senators and points of interest were discussed. Our presence on these committees also served as a formula method of communication back and forth to different sectors on campus. Many graduate opinion polls were enlisted by our participation on above committees, which again helped our

goal of graduate student visibility. Specific accomplishments resulting from our participation on these committees will be discussed below.

- > Our senators for this past year included:
  - David Creer representing UNH Law/Concord
  - Jin Lee representing Graduate Housing
  - Jovana Milosavljevic-Ardeljan, Graduate School
  - Gokhan Kumpas representing PAUL College
  - Henry Herndon representing COLSA
  - Jordan Coulombe, Elizabeth Moschella, Jochen Wirsing, and Holland Prior representing COLA
  - Julie Riley, Dante Broadbent, and Cameron Switzer representing CHHS

- Meagan Wengrove, Joseph Jensen, and Nick Marino representing CEPS Executive Committee
- Communications Officer: Jessie Bolin
- Community Coordinator: Myles Lynch
- Financial Officer: Andrea JillingExternal Affairs Officer: Nate
- StaffordVice President: Elizabeth R. Sheckler
- President: Drummond Biles
- ➤ The largest agenda item that faced the AY1617 GSS was the discussion of how to improved finances for graduate students. This discussion was broken into two areas: fees and stipends. The GSS engaged all fall semester into reviewing the student fees. GSS met with the direct of each fee unit and discussed any changes. GSS also organized an event to "get to know" the directors. This event got all directors from across campus into the same room so that graduate students could come and understand what they were paying for and what types of changes would be made. It also served as an opportunity for the directors to better understand graduate student needs.
- SSS then voted on each purposed fee change for the next year and submitted a letter to the BOT. In sum, the GSS voted in favor of the proposed FY18 fees for the Counseling Center, Health Services, the MUB, Transportation, Technology, Dining, and SHARPP. The GSS voted against the proposed FY18 fees for Campus Recreation, the Whittemore Center, Turf Fields, and Housing (see Table 1). The following paragraphs present the votes tallied for each fee along with opinions shared throughout the voting process. Please note that this reflects neither the views of graduate students at Manchester nor the Law School in Concord; however, the GSS defers to the UNH Law Student Bar Association regarding fees at that campus.
- ➤ GSS also addressed the issue of stipends and fees with the administration in parallel to the work that GSS did for the fee review. Members of GSS worked directly with the Graduate School Interim Dean Cari Moorhead to put together a comprehensive review of graduate student finances. A committee was then formed which included the provost, VP of finances, members of the graduate school and members of GSS and a conclusion was reached which worked to alleviate the burden graduate student face and create a long term plan which would work to make graduate school more affordable. It was agreed that

- graduate student stipends would be raised \$1,000 each year for the next three years and that all students on assistantship would pay half of the mandatory fees.
- ➤ GSS also sponsored and wrote a number of resolutions during the AY1617. The first resolution that was passed was brought to the attention of GSS by a member at large from the UNH Stonewall Grads. The resolution dealt with the lack of gender-neutral bathrooms on campus and encouraged discussion around bathroom sign-age and usage through the campus. Within GSS the resolution was met with healthy debate and gave all senators a chance to learn about an issue on campus and then proceed to take action. A resolution was drafted by Mark Anthony, which was passed on Oct. 6, 2016. This resolution was part of a campus-wide initiative that lead to the president signing a UNH resolution.
- ➤ The second resolution that GSS passed was on Oct. 20, 2016 and came in response to the presidential election. GSS debated and the issue of ability to participate in the election due to work commitments. It was decided upon that a resolution be drafted up in support of creating a UNH holiday on Election Day so that all students, faculty and staff could have ample time to make it to the polls. This resolution passed unanimously and was forwarded to the administration.
- ➤ Members of GSS drafted and passed a resolution that addressed the need to encourage an inclusive community at UNH. The resolution outlined critical action items agreed upon by GSS and identified by members of the UNH community. It provided action items in the area of a supportive campus, governance, communication, and social justice. This resolution lead to a meeting between GSS and Jamie Nolan the Associate Vice President for Community, Equity, and Diversity.
- As a part of the success from the finances campaign that GSS pursued throughout the year, a resolution was passed at the end of the spring semester that recognized the work that had been done. The resolution worked to showcase the partnerships that were formed to succeed with the issue of graduate student finances. It thanked all the administration that worked with us through the year and recognized how far we have progressed and what challenges still exist.
- ➤ The final resolution that GSS passed was in response to issues that arose during elections, from the undergraduate student senate calling themselves the student senate. The resolution asked that they change their name to USS as they do not represent graduate students.
- Throughout the year GSS held a number of social events. We maintained our tradition of putting on a pizza night the first Thursday of every month. At the end of the fall semester this event was moved to Dover as a large population of graduate student live in the surrounding area. Also, a graduate school alumni is the manager for the Thirsty Moose in Dover, the location to which we decided to move. The move brought a drastic increase in attendance for a small increase in price. A large population of graduate student who do not typically attend GSS events began attending and a great community was formed. Our programming chair worked to theme most of the gatherings, which were very successful and gave all graduates a chance to meet and engage.
- During the fall semester GSS held gatherings for each of the presidential debates to encourage students to participate in the national election and discuss it. A connection was established with The Falls Grill and Tavern in which they provided us with ample space to hold our events. A separated connection was also established with Flight Coffee Co. in

Dover. During the fall semester, GSS held a game night in their community room, and more than 20 graduate students attended. This again brought out many graduates who do not typically attend GSS events and got the chance to meet others. From this connection GSS then co-sponsored a Three Minute Thesis practice round at Flight. During this event students could practice for the upcoming GRC competition. This had great success with many graduates attending and many student then being encouraged to participate in the later competition.

- ➤ During the spring semester, the main body of GSS was split into a number of ad-hoc committees so that work could be done more efficiently. The ad-hoc committees were departmental governance, graduate student center, graduate research conference, and graduate student visibility.
- ➤ The departmental governance committee worked to finalize a list of the current standing across campus for graduate representation in different departments. They then worked to distinguish the different models that existed across campus and then define a model of best practices. At the end of the semester, they were working on the best way to communicate these models to the departments and how to help establish links to all departments.
- ➤ The senators working on the graduate student center worked through the spring semester with Susan Thorne from campus planning to begin establishing what the graduate student center will become. The SAARC committee gave \$20,000 dollars so that plans could be drawn up and a feasibility study could be performed of creating a graduate student center on campus. The committee then drafted a survey to understand what graduate students were looking for in a graduate student center. They then worked with Interim Dean Cari Moorhead and Susan to draw up rough plans that included services available and rough sizes. The next step will be to clearly identify space and hire an architect to draw up the true plans.
- ➤ The graduate research conference committee worked in promoting the event and came up with an invite your advisor form, which was distributed to all graduate students. The GRC was very successful in both the poster and oral presentations.
- ➤ The graduate visibility committee worked in promoting our social events. They worked with our programming officer and utilized social media as a tool of getting graduate students to participate in our events.
- ➤ The Graduate Student Senate awarded four *Distinguished Wildcat Service* to:
  - Nate Stafford for the extensive work that he has done with the BOT and USSB.
  - Jordan Coulombe for his extensive work with internal committees
  - Joseph Jensen for his hard work with numerous external committee and keeping GSS informed.
  - Evgeniya Dame as a dedicated member at large and participation in external and internal GSS work.

### Elections results for AY1718:

- David Creer representing UNH Law/Concord
- Gokhan Kumpas representing PAUL College
- Jordan Coulombe, Elizabeth Moschella, and Elizabeth Sheckler representing COLA

Julie Riley and Cameron Switzer representing CHHS

Nick Marino, Joseph Jensen and Drummond Biles representing CEPS

Executive Committee

Financial Officer: Andrea Jilling

External Affairs Officer: Nate Stafford

Vice President: Jin Lee

• President: Jovana Milosaveljevic-Ardeljan

In conclusion, GSS had a very successful year from the resolutions passed, the agreements reached with finances, the action items pursued and the social events that were well attended. The GSS has continued to do an excellent job of representing the graduate student voice and working to make the UNH graduate student experience more rewarding. GSS is well positioned for another successful year with an experienced and motivated team leading senate.

# Appendix G Additional Graduate School Collaboration/Engagement

The Graduate School collaborated with the following departments and offices on a variety of activities in 2016-17:

- Advancement Office
- Affirmative Action and Equity office
- Alumni Association
- Association of Women in Science (AWIS)
- AT
- Campus Recreation
- Career and Professional Success (CAPS)
- Center for Academic Research
- Center for International Education
- Center for Teaching and Learning Excellence
- Communication Sciences and Disorders
- Communications and Public Affairs
- Connors Writing Center
- Dean of Students
- Dining / Holloway Commons
- Disability Services for Students
- English as a Second Language (ESL)
- Graduate Student Senate (GSS)
- Hamel Center For Undergraduate Research
- Health Services
- Honors Program
- Housing and Residential Life
- Information Technology
- McNair Program

- Memorial Union Building (MUB)
- Office of Community Equity and Inclusion
- Office of International Students and Scholars
- Office of Multicultural Student Affairs
- Office of National Fellowships and Scholarships
- Office of Sponsored Research
- Office of the Senior Vice Provost for Research
- Peter T. Paul College of Business and Economics
- Prevention Innovations
- Registrar's Office
- Registrar's Office
- Research Development & Communications
- Research Integrity Services
- Responsible Conduct of Research Committee
- SHARPP
- The Joan & James Leitzel Center
- UNH Athletics Department
- UNH Counseling Center
- UNH Police Department
- University Advising Career Center
- University Instrumentation Center
- Whittemore Center Arena

#### Additional collaborative events included:

Collaboration with UNH Office of National Fellowships & UNH Research Office, September (A Great Time to be a Change Maker: Social Innovation and the Powerful, Perilous Pathway to Social Justice in the US and Around the World; Careers with Impact: How UNH Alums are Driving Transformative Change; Restoring More Than Vision: The Power of Social Entrepreneurship in Helping People See their Full Potential; Social Innovation Live!; Unlikely Allies: The Powerful Story of a Global Corporation and an NGO Collaborating to Drive Progress and Change)

- Collaboration with Center for Excellence in Teaching & Learning, September (Talk About Teaching Workshop: The Multi-Lingual Student in University Classroom: Focus on Culture); October (Developing and Implementing a Student Learning Assessment Process for Your Major), November (The Learning Styles Hypothesis: Does Aligning Instructional Method with Students' Preferred Learning Styles Lead to Better Understanding?); November (The Learning Styles Hypothesis: Does Aligning Instructional Method with Students' Preferred Learning Styles Lead to Better Understanding?
- <u>Collaboration with University of New Hampshire Library</u>, October (Open Access Week; International Open Access Week, Love your data week)
- <u>Collaboration with Health Service</u>, October (Women's Expo at UNH), November (Maintaining Self Confidence and Fighting Imposter Syndrome in Academia)
- Collaboration with UNH center for the Humanities, November (The Nonhuman Rights Project's Struggle to Attain Legal Rights for Nonhuman Animals Steven M. Wise, President of the Nonhuman Rights Project)
- Collaboration with Community, Equity, and Diversity, November (Building Inclusive Courses with Angela Linse, Associate Dean and Executive Director Schreyer Institute for Teaching Excellence)
- <u>Collaboration with Social Justice Educator Team</u>, January (Social Justice Educator training)
- Collaboration with The Music Hall, Generation Found (4 tickets), The Court and the World (6 tickets), Acting Black (20 tickets), Will Schwalbe with Books For Living (8 tickets), Florence Williams with The Nature Fix (8 tickets), Brad Gooch: Rumi's Secret (14 tickets); Dani Shapiro (8 tickets); Manal al-Sharif (8 tickets)

# Appendix H Academic Support Services

- 767 Master's degrees, 2 EDS, 32 post-baccalaureate certificates and 63 doctoral degrees were awarded (September 2016, December 2016 and May 2017).
- Hosted the annual PhD luncheon in May, which was attended by over 100 PhD students and faculty sponsors. This luncheon is very much appreciated by both the students and their sponsors and highlights the breadth and quality of the research conducted by our doctoral students across campus.
- Sent 38 letters to students who had received grades below B- at the end of the spring 2017 term, 39 at the end of fall 2016, and 9 at the end of summer 2016.
- Sent 20 letters to students with a cumulative GPA below 3.0 at the end of the spring 2017 term, and 20 at the end of fall 2016.
- Dismissed a total of 15 students for failure to make satisfactory progress during the year.
- Acted on 254 general academic petitions during the academic year.
- Reviewed and acted on 60 requests for transfer of credit. This includes both transfer credit from outside universities and non-degree credit work at UNH.
- Acted on and approved 11 requests for an extension of the time limit for doctoral students to reach degree candidacy.
- Acted on and approved 50 requests for an extension of the time limit to complete a graduate degree.
- Twenty-one students had their student status inactivated due to the expiration of their time limit to complete the degree.
- Processed 210 special grade reports.
- Monitored records of 144 students who had special conditions or stipulations on their records at the point of admission and worked with program chairs to insure that requirements had been met.
- Reviewed and approved 37 leave of absence requests including leaves for both personal and documented medical reasons.
- Processed 72 voluntary withdrawal requests from students
- Eighty-four students had their degree status discontinued for failure to register.
- Nine graduate student appeared on the UNH police activity report, most for minor violations.

## Appendix I Graduate School – Manchester Office

- Twelve programs were offered at Manchester this year: MBA, MED in Elementary Education, MAT and MED in Secondary Education, MED in Educational Studies, EDS in Educational Administration, MPA, MPH, MSW, and the MS IT. Certificates in Public Health and Substance Use Disorders are also offered.
- ➤ Participated in 50+ recruitment activities from June May, some of which included: regular information sessions; program specific information sessions, UNH Manchester community events, classroom visits, information tables at a number of locations, including chamber events, association meetings, area colleges, Professional Development & Training Conferences, HR Conference etc. In total we participated in 50+ recruitment activities.
- ➤ Hosted three Professional Development opportunities for graduate students in preparing for doctoral study, resume writing and using LinkedIn as a networking tool for career advancement.
- ➤ In collaboration with UNH Manchester's Center for Academic Enrichment and Career Services, co-hosted multiple undergraduate preparatory workshops on applying to graduate school and writing the personal statement.
- ➤ Held two Advisory Board meetings and subcommittee meetings for marketing.
- ➤ Working with OISS, Enrollment Management/UNHM, MS IT graduate program to admit international students from their home country in Fall 2017.
- ➤ Hosted a variety of Durham graduate program meetings, events and activities.
- ➤ Used LEAN process to update and clarify contract course process for departments.
- ➤ Continued to use social marketing platforms, Facebook and LinkedIn to promote programs.
- Used salesforce to track inquiries and connect with applicants to promote events and information sessions.
- Marketing and outreach efforts included: Chamber of Commerce, Local Government Center, American Public Health Association, UNH Benefits Fair, Tri-City Expo, HR Conference, Christa McAuliffe Technology Conference and a number of smaller venues, including Concord Leadership Class, AmeriCorps/City Year, NH High Tech Council, etc.
- > Supported education department events, including Collaborative Schools Breakfast and Education Conference.
- ➤ Hosted two alumni events for Manchester programs for both the MPA (April) and MSW Programs (January).
- ➤ Coordinated and participated in new student and faculty orientation programs.
- Coordinated MPH Hooding Ceremony.
- Visited and networked with off campus graduate programs at schools, to promote online MED program.
- Currently working with local YMCA to develop MOU for discount on graduate courses.

# Appendix J Interdisciplinary Programs

The Graduate School houses the university's interdisciplinary-based graduate programs, which include:

- M.S. in Analytics
- M.A. in Community Development Policy & Practice
- Master in Public Policy
- M.S. in Analytics Master of Public Policy Dual Degree
- Master in Public Policy JD Law Dual Degree
- Ph.D. in Earth & Environmental Sciences
- Ph.D. in Natural Resources & Environmental Studies
- Analytics Certificate
- College Teaching Certificate
- Feminist Studies Certificate
- Geospatial Science Certificate
- Introduction to Data Science Certificate

Individual annual reports are provided below for each of these programs.

## **Carsey School of Public Policy**

#### **❖** New Personnel

➤ Vilmarie Sanchez, Ph.D., Program Manager, New Hampshire Listens

## **❖** Degree Program: Community Development Policy and Practice

- ➤ The program offers a 14-month and a 24-month track. Students in both tracks enroll on campus for two accelerated summer sessions and complete the remaining portions of their programs online over one or two academic years.
- > 29 students enrolled in summer 2016 compared to 26 in summer 2015.
- ➤ 12 students graduate in AY16–17 (September 2016, December 2016, and May 2017).

## Public Policy

- ➤ The Master of Public Policy program launched with Carsey's first MPP cohort in Fall 2016.
- ➤ A second dual-degree program (MPP/Analytics) was approved in Fall 2016 (following on the dual MPP/law degree).
- > 25 applications were received for Fall 2017.
- ➤ It is expected that 32 students will be enrolled for the fall of 2017.

# Carsey School of Public Policy Annual Report for Interim Dean Moorhead June 2017

The Carsey School of Public Policy at the University of New Hampshire is a nationally recognized resource for policy-related research, leadership development, and engaged scholarship. We address the most pressing challenges of the twenty-first century, striving for innovative, responsive, and equitable solutions from all levels of government and the for-profit and non-profit sectors. With an expanding range of degree and non-degree programs, the Carsey School offers a growing number of opportunities for those interested in beginning, or advancing, careers in public policy.

This report highlights our major accomplishments over the past year. Fiscal Year 17 has been very successful for Carsey. In August 2016, we welcomed our inaugural class of Master in Public Policy degree students and in June 2017 we hooded our first graduates (just ahead of their capstones). We held events before and after this unique presidential election, and published research to inform the national and state conversations. With support of partners across all UNH campuses, we continued to build the school's academic programs and to strengthen relationships across the state and the nation with policy leaders and organizations at the forefront of public policy today.

#### \* RESEARCH

This year, we continued to build on our research programs with analyses of vulnerable families' changing access to social safety nets, updates on birth rates changes post-recession, the effects of tax breaks on senior migration, high school dating aggression, and how birth rates among different demographic groups are poised to change the country. We collaborated with engineers and scientists across campus on research on climate change, energy use, and infrastructure and the interplay between changing ecosystems and changing communities. Our work in climate change perceptions, demographics, and poverty and other issues drew attention from policy makers, national and local media, academia, and the public. Carsey researchers continued their strong presence in the media, led by Ken Johnson, Marybeth Mattingly, Michael Ettlinger, Kristin Smith, and Jessica Carson as well as Carsey Fellows and authors Cameron Wake and Larry Hamilton, with coverage by the *Wall Street Journal, Washington Post, USA Today, Christian Science Monitor, Fox News*, and *National Public Radio* as well as in hundreds of other national and regional media outlets.

## Key research highlights:

- ➤ Vulnerable Families team. This research team published cutting-edge analysis all year long on issues relating to families and children, including studies on access to health care, child nutrition policies, access to childcare, poverty, and social safety nets. Presenting at academic conferences and public forums around the nation, the team built strong relationships across the country.
- > CDFIs and Online Business Lending. Michael Swack, along with his coauthors, published an important report on the rapidly changing world of online lending.
- ➤ April webinar: Carsey Fellow Shannon Monnat presented a talk entitled "Community Assessment & Education to Promote Behavioral Health Planning and Evaluation" based on her research.

- ➤ Senior Demographer Ken Johnson Received a Carnegie Fellowship. Dr. Johnson began his research for his Andrew Carnegie Fellowship in the Fall of 2016. His research focuses on demographic change and the growing diversity of the rural population and on the implications these demographic changes have for the rural poverty, government, and political participation. His first peer-reviewed article based on this research was recently published and a second peer-reviewed article has been accepted but not yet published. He has also produced several Carsey publications based on his Carnegie Fellowship research.
- FY17 Publications (as of 6/25/17): Carsey researchers and fellows published original applied research briefs, which were downloaded thousands of times by lawmakers, the media, non-profit organizations, and researchers throughout the world.
  - Fewer Than Half of WIC-Eligible Families Receive WIC Benefits, Kristin Smith, July 20, 2016
  - Water Concerns Unite Citizen Activists: A Community Rights Movement Transcends Party, Age, and Gender, Cliff Brown, August 2, 2016
  - Over 80 Percent of New Hampshire Residents Support Paid Family and Medical Leave Insurance, Kristin Smith, August 31, 2016
  - Bridging Farm and Table: The 'Harvest to Market' Innovation, Andrew Walters and Edie Allard, September 8, 2016
  - Child Care Costs Exceed 10 Percent of Family Income for One in Four Families,
     Marybeth J. Mattingly, Andrew Schaefer, and Jessica A. Carson, September 10, 2016
  - Overall Declines in Child Poverty Mask Relatively Stable Rates Across States,
     Andrew Schaefer, Jessica A. Carson and Marybeth J. Mattingly, September 15, 2016
  - Paid Family and Medical Leave in New Hampshire, Kristin Smith and Nicholas Adams, September 20, 2016
  - Demographic and Economic Characteristics of Immigrant and Native-Born Populations in Rural and Urban Places, Andrew Schaefer and Marybeth J. Mattingly, October 6, 2016
  - Where Is the North Pole?: An Election-Year on Global Change, Lawrence C. Hamilton, October 11, 2016
  - Most U.S. School Districts Have Low Access to School Counselors, Douglas J.
     Gagnon and Marybeth J. Mattingly, October 25, 2016
  - White Deaths Exceeds Births in One Third of United States Families, Rogelio Saenz and Kenneth M. Johnson, November 29, 2016
  - The Impact of State Medicaid Expansion under the ACA on Health Insurance Coverage at the County Level, Danielle C. Rhubart, December 6, 2016
  - To Dig or Not to Dig?, Tom Haines, January 17, 2017
  - Drugs, Alcohol, and Suicide Represent Growing Share of U.S. Mortality, Shannon, M. Monnat, January 31, 2017
  - On Renewable Energy and Climate, Trump Voters Stand Apart, Lawrence C. Hamilton, February 2, 2017
  - A Profile of Youth Poverty and Opportunity in Southwestern Minnesota, Marybeth J. Mattingly, Andrew Schaefer, and Douglas J. Gagnon, February 14, 2017
  - Public Support for Environmental Protection, Lawrence C. Hamilton, February 16, 2017

- State EITC Programs Provide Important Relief to Families in Need, Douglas J.
   Gagnon, Marybeth J. Mattingly and Andrew Schaefer, February 28, 2017
- New Hampshire's Electricity Future, Cameron P. Wake, Matt Magnusson, Christina Foreman, and Fiona Wilson, March 7, 2017
- Teen Dating Violence in New Hampshire, Katie M. Edwards and Angela M. Neal, March 14, 2017
- Saving Salt, Protecting Watersheds, in Winter Road Maintenance, Andrew Jaccoma, March 15, 2017
- The Zika Virus Threat, Thomas G. Safford, Lawrence C. Hamilton, and Emily Whitmore, March 21, 2017
- Involuntary Part-Time Employment: A Slow and Uneven Economic Recovery, Rebecca Glauber, March 28, 2017
- Moving to Diversity, Richelle L. Winkler and Kenneth M. Johnson, April 4, 2017
- Gains in Reducing Child Poverty, but Racial-Ethnic Disparities Persist, Jessica A.
   Carson, Marybeth J. Mattingly, and Andrew Schaefer, April 18, 2017
- More Than 95 Percent of U.S. Children Had Health Insurance in 2015: Public Coverage Gains in 2015, Although Private Insurance Increased for a Second Consecutive Year, Michael J. Staley, April 25, 2017
- Child Care Expenses Push Many Families Into Poverty, Marybeth J. Mattingly and Christopher T. Wimer, May 2, 2017
- Senior Tax Breaks on the Move—but Are Seniors Actually Moving?, Karen Smith Conway, May 9, 2017
- After the Bell: Youth Activity Engagement in Relation to Income and Metropolitan Status, Sarah E. Leonard, May 16, 2017
- Toward a More Equal Footing: Early Head Start in Maine, Jessica A. Carson, May 23, 2017
- Eyes off the Earth?, Lawrence Hamilton, Jessica Brunacini, Stephanie Pfirman, June 15, 2017

## **\*** ACADEMICS

The Carsey School now offers two graduate degrees with two dual-degree options, up from just one academic program two years ago: a Master in Community Development Policy and Practice, a Master in Public Policy, a dual Masters in Public Policy and a Juris Doctorate, and a dual Masters in Public Policy and Analytics. We continue to train professionals in best practices in community development and sustainable microenterprise through certificate programs on campus, at remote locations, and online. Our faculty are recognized in their fields as hands-on professionals and experts as well as scholars who can combine academic rigor with applied experience to prepare students for work on the ground throughout the world.

#### **Highlights:**

➤ Carsey welcomed its inaugural **Master in Public Policy** class in the fall of 2016, and had a strong first year, including highly engaged classes and a week together in Washington

- in January where students attended dozens of meetings with policy practitioners from every corner of the Capitol.
- ➤ The **Social Innovation Internship** program of the Center on Social Innovation and Enterprise, a collaboration between Carsey and Paul College, placed twelve UNH students in summer positions in 2017 in the region's most socially and environmentally innovative companies.
- Through our **Sustainable Microenterprise and Development Program webinar series** and training courses in developing countries, Carsey's internationally renowned experts trained over 350 people in capital raising, savings groups, business solutions to poverty, and ways to fund community development.
- ➤ The Carsey School partnered again with **NeighborWorks America** to create dynamic training opportunities for community development practitioners who serve the affordable housing and community development sectors across the country.
- ➤ 2017 graduates of Carsey's MA in Community Development Policy and Practice began careers around the globe, spanning from Canada's Poverty Impact Council and the Somali Federal Government's Aid Coordination division, to the Oregon Center for Public Policy and the Immigrant Women's Health organization in Maine. New recruitment strategies were adopted, resulting in the largest admitted class to date.
- ➤ The most recent **Certificate in Community Development Finance**, offered in partnership with the Opportunity Finance Network, was held in Durham, North Carolina in March. The course had over 20 people on the waitlist.

#### **\*** ENGAGEMENT

One of the ways Carsey continues to stand out in the academic environment is in bringing its research expertise and best practices to where they are needed and valued. Whether traveling from our campus in Durham to Washington, bringing national and international experts and practitioners to the University of New Hampshire, or taking our work to Coös County in northern New Hampshire, Carsey engages for impact.

- ➤ Master's in Public Policy students Jit Banerjee and Tom Giancola have been accepted to the tenth Clinton Global Initiative University (CGI U) meeting. CGI U hosts a meeting where over 1,000 student leaders from over 70 countries and 250 schools come together to discuss and develop innovative solutions to pressing global challenges.
- ➤ Blue and You, a partnership between New Hampshire Listens, the NH Association of Chiefs of Police, and the NAACP, co-hosted events across the state so that communities and state leaders could discuss tensions between the police and the communities they serve.
- ➤ Director of Research on Vulnerable Families Beth Mattingly presented a three-part Aspen Institute Community Strategies Group webinar series on rural immigrant family economic success, financial capability, and helping families accumulate and grow assets. She spoke about the challenges and opportunities facing rural immigrants as they try to keep more of what they earn.
- ➤ New Hampshire Listens co-director and professor emeritus Bruce Mallory has been elected as co-chair of the Deliberative Democracy Consortium (DDC), an alliance of

- leading organizations and scholars working in the field of public engagement, participation, and deliberation.
- ➤ **New Hampshire Listens** held dozens of events across the state addressing local issues of community action, early childhood education, and relationships between police officers and the people they serve.
- ➤ Carsey Family Demographer Kristin Smith presented at the New Hampshire Women's Foundation Summit: Winning Workplaces, Pathways to Paid Family and Medical Leave Insurance in Manchester, NH in September 2016.
- > Supporting Coös teens for positive outcomes, members of Carsey's Coös Youth Study group hosted and presented at a conference for professionals working with North Country teenagers in November.
- ➤ Bill Maddocks, working with the Center for Social Innovation and Enterprise, launched the **Living Case Study Social Sector Franchise Accelerator**, an action learning and research project, which will take place over eight months with entrepreneurs who are new or emerging social sector franchisers.
- ➤ Semester in the City. With support from the Center for Social Innovation and Enterprise, UNH undergraduates had the opportunity to spend a semester in Boston in a rigorous 30+-hour per week internship with a leading social change organization (nonprofit, business, or public sector) in community development, social justice, health, education, environment, and other areas dedicated to the public good. This 16-credit Semester in the City program includes an intensive evening course that examines the theory and practice of various social change approaches, and a series of Friday seminars and reflective workshops—thereby equipping a new generation of leaders who understand both direct and systemic approaches to social and environmental change.
- ➤ Governor Winant Fellowship. Carsey awarded four competitive Winant fellowships to UNH students for the summer of 2016 and again in the summer of 2017. Students will work with New Hampshire organizations and government agencies that improve the lives of New Hampshire families, as prescribed by the Winant family endowment.
- **Carsey Evaluation.** Several of Carsey's evaluation projects are continuations under multi-year or renewed contracts. Carsey is going into its fifth consecutive year as the contracted evaluator for the New Hampshire SNAP-Ed nutrition education program for people enrolled in or eligible to enroll in the Supplemental Nutrition Assistance Program (SNAP) and their schools and communities, funded by the U.S. Department of Agriculture and administered by UNH Cooperative Extension. Carsey's Evaluation Program Director Eleanor Jaffee continues her work as co-investigator on an evaluation of the fidelity, effectiveness, and outcomes of a federal Maternal, Infant, and Early Childhood Home Visiting (MIECHV) grant to implement the Healthy Families America evidence-based practice model in New Hampshire, funded by the Health Resources & Services Administration. Regarding newer projects, Carsey is the evaluator on the Teacher Residency for Rural Education (TRRE) program grant awarded to the UNH Education Department by the U.S. Department of Education. Carsey has also connected with New Futures, New Hampshire's new grantee for the Annie E. Casey Foundation's nationwide Kids Count initiative, and is under contract for a research brief describing the impact of our state's opioid epidemic on children's lives as well as the NH Kids Count Data Book (pending), which pulls together a wide range of data points related to child well-being.

➤ Carsey Director Michael Ettlinger served as the Director of Economic Policy Planning for the Clinton-Kaine Transition.

# **❖** On-Campus Events

- ➤ The Trump Administration's First 100 Days: Carsey hosted a conversation in April with Tom Rath and Michael Ettlinger to discuss how this administration is different or similar to previous administrations.
- ➤ UNH 150: How Land-Grant Universities Transformed American Higher Education. Carsey hosted Dr. Nathan Sorber and an esteemed panel to discuss the importance of land-grant universities in March 2017, as part of UNH's sesquicentennial celebration.
- Finding Time: Heather Boushey on the Economics of Work-Life Conflict. Carsey hosted an event at 3S in Portsmouth in May with Boushey, the executive director and chief economist at the Washington Center for Equitable Growth. She previously served as chief economist for Hillary Clinton's transition team.
- ➤ Social Innovation Week 2016. The Center for Social Innovation and Enterprise, a partnership between the Carsey School and Paul College, hosted a week in September full of events for UNH students and the general public on ways to drive transformative change using creative solutions to social problems.
- ➤ MUB Events. Each year Carsey sponsors events for UNH students as part of the MUB Current Issues Lecture Series. This year's sponsored events included Jay Smooth on hip hop, race, and politics; Shalini Kantayya, a Brooklyn-based filmmaker, educator, and eco-activist; and Lori Gruen, professor from Wesleyan University on "The Politics of Personhood: Who Counts and What's at Stake?"
- ➤ Social Venture Innovation Challenge. This year's SVIC once again saw a record number of applications in both the UNH student and community tracks. Carsey Fellow Fiona Wilson, director of the Center for Social Innovation and Enterprise, oversaw the judging and awards before a large audience in December.
- ➤ UNH and NH Listens Presented: Indivisible, With Liberty and Justice for All, A Campus Conversation about Political Divisions and Common Ground in November, 2016.
- ➤ **Social Franchise.** In September, Carsey co-hosted a gathering at Paul College with leading social franchise pioneers who are looking at the models of commercial franchising and finding innovative opportunities to scale the reach and impact for the world's poorest and most remote populations.

#### **❖** FY 2017 FUNDING

The single largest source of Carsey School of Public Policy revenue in FY17 continued to be the grant funding we received for our research, academic, and public engagement programs. We received an atypically high level of gifts because of the timing of donations from long-time supporters. Our academic programs are supported by some grants and gifts but rely significantly on tuition as well. Our endowment, which will be growing over the coming years, provides an important source of core funding. We are, however, scheduled to lose the current use portion of the Carsey commitment following 2018. We also participated in the 603 Challenge this year and raised funds for graduate program scholarships.

Grants, Gifts and Fee for Service List Fiscal Year 2017 Reporting 7-1-16 to 6-30-17 Annie E. Casey Foundation; Anonymous; Appalachian Mountain Club, Inc.; David and Jerilyn Brownell; Marcy Carsey; City of Berlin; Coalition of Union Employees of NH/SEIU Local 1984; Coös County Family Health Services; County of Cheshire; DAI – Europe Ltd.; Deutsche Bank; Ford Foundation Institute of International Educational (IIE); Foundation for Healthy Communities; John T. Gorman Foundation; Health Strategies of New Hampshire; The F.B. Heron Foundation; Impact Community Capital; The Kresge Foundation; MacArthur Foundation; Maine Community Foundation; The MasterCard Foundation; Brian and Loren McCabe; National Estuarine Research Reserve System; National Science Foundation; NeighborWorks America; Neil & Louise Tillotson Fund of the NH Charitable Foundation; New Hampshire Charitable Foundation; NH Department of Employment Security; NH Department of Health and Human Services (MIECHV); New Hampshire Endowment for Health; New Hampshire Kids Count, Inc.; Frank and Patricia Noonan; The Paul J. Aicher Foundation; Paul School Social Franchise Initiative; Pittsfield Youth Workshop; Plymouth State University; Post-Landfill Action Network; Mel Rines; Robert Wood Johnson Foundation; Russell Sage Foundation; Craig and Linda Rydin; Sam's Club; Second Start; SNAP ED; Tri-County Head Start; University of Maryland; UNH-Task Force on Community; U.S. Department of Agriculture, Forest Service, Northern Research Station; U.S. Department of Health and Human Service, Administration for Children and Families – Office of Planning, Research, and Evaluation.

## **College Teaching**

The Center for Excellence and Innovation in Teaching and Learning (CEITL) jointly administered, with the UNH Graduate School, the Academic Program in College Teaching. CEITL was responsible for a) academic advising for all graduate students enrolled in the programs, b) handling inquiries from and advising non-UNH people interested or involved in the Certificate in College Teaching, and c) activities related to course offerings: instructors, scheduling, advertising, etc. (Catherine Overson). Following is a list of orientation presentations offered for Academic Program in College Teaching:

- UNH Graduate School TA and GA Orientations. During the Fall and Spring orientations, Catherine Overson presented informational overview of Cognate and MST programs in college teaching.
- Department of Sociology. Catherine Overson met with doctoral students in department regarding Academic Program in College Teaching (Spring semester)
- Department of Psychology. Victor Benassi and Catherine Overson met with doctoral students in department regarding Academic Program in College Teaching (Fall semester).
- Department of History. Catherine Overson met with doctoral students in department regarding Academic Program in College Teaching (Spring semester)

#### **NRESS**

- > Personnel
  - o Lynne Cooper, Educational Program Coordinator II
  - o Linda Scogin, Program Assistant (non-status hourly)
  - o Steve Frolking, Faculty Director (Res. Prof. EOS & Earth Sciences)
- ➤ There are two interdisciplinary doctoral degree programs (i) Natural Resources and Environmental Studies and (ii) Earth and Environmental Science under the umbrella of Natural Resources and Earth System Sciences. NRESS remains the largest doctoral program on campus.
- ➤ Enrollments in NRESS in the fall of 2016 were 60 (59 in the fall of 2015), and were 60 in the spring of 2017 (60 in the spring of 2016). Two students completed their PhD during the year (September 2016, December 2016, and May 2017). (The projected number of NRESS PhD graduates for upcoming September and December 2017 dates is 10-11.) Twenty-five (25) students advanced to candidacy during the year.
- ➤ The NRESS PhD program coordinated the Fall 2016 Environmental Science Seminar Series, with support from the Department of Natural Resources and Environment, the Department of Earth Sciences, and the Earth Systems Research Center. Speakers in the weekly seminar were hosted by NRESS students and faculty, with seminar attendance at 25-30 people each week.
- NRESS distributed \$13,020 (\$9,380 in AY2015-16) in student support funds as small grants, ranging from \$120 to \$1000 to support research expenses or travel to present research at a professional meeting.

- ➤ Of the 15 Dissertation Year Fellowships awarded by the Graduate School, three were received by NRESS PhD students (greatest number for a single program/department).
- ➤ The NRESS Faculty Director (Frolking) offered one course in Fall 2016, NRES 997, Interdisciplinary Research in Natural Resources and Earth System Sciences, a one-credit seminar for new students in the program. There were 13 students enrolled.

## Appendix K Graduate School Office Personnel

- Cari Moorhead, Interim and Associate Dean
- Jon Adams, Information Technologist III
- Dovev Levine, Assistant Dean
- Candice Morey, Educational Program Coordinator II, Manchester office
- Sharon Andrews, Senior Administrative Assistant
- Samantha Martell, Student/Academic Services Assistant (admissions)
- Annette Slattery, Student/Academic Services Assistant (admissions)
- Laurie Witham, Student/Academic Services Assistant (student support)
- Courtney Mulvey, Senior Information Support Assistant (admissions/records)
- Donna Laferriere, Administrative Assistant II Manchester office (joint with Education and UNHM)
- Will Clyde, Faculty Fellow
- Graduate Assistants: Myles Lynch (Education), Te-Hsin Chang (Education),
   Jovana Milosavljevic-Ardeljan (Education), and Kristen Melamed (MFA)

