



McNair Scholars Program

UNIVERSITY OF NEW HAMPSHIRE

Fall/Winter 2018 Issue

Congratulations To The UNH McNair Summer 2018 Cohort For Completing the McNair Research Fellowship Program!



Left to right: Francis Gesel ('20), Hannah Nordstrom ('20), Brian Nguyen ('20), Jaylene Velasquez ('20), Julissa Freund ('20), Nelson Idahosa ('20), Faith Heredia ('19), Angelique Georges ('20), Hamida Hassan ('20), Stephanie Lo ('20), Juan Gomez-Rivadeneira ('19)

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SUMMER 2018 COHORT



Name: Julissa Freund

Major: Environmental Engineering

Research Title: "Evaluating the Societal, Economical, and Environmental Aspects of Providing Clean Safe Drinking Water to Small Communities--Case Study Rollinsford, NH Water and Sewer District"

Mentor: Dr. Jim Malley



Name: Hamida Hassan

Major: Social Work and Women's Studies

Research Title: "Kindergarten to Prison"

Mentor: Dr. Vernon Carter



Name: Angelique Georges

Major: Sociology

Research Title: "The Communicative Adaptation In The Face Of Microaggressions: A Focus On Minorities In Post-Secondary Institutions"

Mentor: Dr. Catherine Moran



Name: Faith Heredia

Major: Sociology

Research Title: "The Effect Of Varying Social Identities On The Experience Of Menstruation"

Mentor: Dr. Semra Aytur



Name: Francis Gesel

Major: Exercise Science and Kinesiology

Research Title: "Quantifying The Relationship Between Passive Muscle Properties And Maximal Muscle Strength And Power"

Mentor: Dr. Dain LaRoche



Name: Nelson Idahosa

Major: Political Science

Research Title: "Did Gerrymandering Affect The Congressional Elections of 2016? And Did Gerrymandering Suppress The Minority Votes In The Elections of 2016?"

Mentor: Dr. Andrew Smith



Name: Juan Gomez-Rivadeneira

Major: Neuroscience and behavior

Research Title: "Dissecting Cell-Specific Roles Of $\alpha 2\delta$ -Proteins In Seizure-Like Activity Of *Drosophila Melanogaster*"

Mentor: Dr. Arturo Andrade



Name: Stephanie Lo

Major: Electrical Engineering

Research Title: "The Design And Development Of A Modular Robotic Control Board For Multiple Applications"

Mentor: Dr. May-Win Thein

SUMMER 2018 COHORT



Name: Brian Nguyen

Major: Mathematics

Research Title: "Examining The Periodic Orbit Of The Lorenz Systems And Double Pendulum System"



Name: Jaylene Velasquez

Major: Health Management and Policy

Research Title: "The Use Of Stimulant Medication And Opioid Medication By College Students"

Mentor: Dr. Barbara White



Name: Hanna Nordstrom

Major: Psychology

Research Title: "Investigating How The Perception Of Peer, Parental And Community Norms Influences Bystander Behaviors Of High School Students"

Mentor: Dr. Victoria Banyard

UNH McNair Scholars Program

Stoke Hall, G50

603-862-0088

Director: Tammy Gewehr

Associate Director: Selina Taylor

Program Assistant: Helen Lonek

Undergraduate Peer Advisors:

Jaylene Velasquez, Juan Gomez-Rivadeneira, and Julissa Freund

McNAIR ALUMNI SPOTLIGHT



Congratulations UNH McNair alum, Thanh Dinh who recently had his McNair research project published in the ACS Biomaterial Science and Engineering Journal. To view the article, follow this link:

<https://pubs.acs.org/doi/abs/10.1021/acsbiomaterial.8b00886>

Thanh started this project as a McNair Scholar working under Dr. Kyung Jae Jong in 2015. He graduated from UNH in 2016 with a B.S. in Chemical Engineering and took a year to serve as a Corp Member for City Year in Manchester, NH.

McNAIR SCHOLAR SPOTLIGHT



Congratulations Julissa Freund ('20) on receiving the second place award for her presentation at the McNair Undergraduate Research Conference at Florida International University in Miami, FL in October.



Congratulations Francis Gesel ('20) for winning the 2018 Student Investigator Undergraduate Award for presenting his research at the New England Chapter of the American College of Sports Medicine (NEACSM) Fall Conference in November.



From left to right: Emily Berry ('19), Marie Akiki ('19) and Associate Director, Selina Taylor

UNH McNair Scholars attending the 25th Annual Institute on Teaching and Mentoring in Arlington, VA in October. The Institute is the largest conference for underrepresented minority PhD scholars, candidates, and recent graduates. Undergraduates are nominated and selected to attend this conference.

UNH McNair Director, Tammy Gewehr (on left) attends the 2018 University of New Mexico McNair Scholars Research Conference with McNair Scholar, Emily Berry ('19) in Albuquerque, NM in October.



McNAIR INTRODUCES THE INTERIM A.V.P. of COMMUNITY, EQUITY, AND DIVERSITY

DR. MONICA CHIU

Monica Chiu is the Interim Associate Vice President of Community, Equity, and Diversity, and has been a Professor of English at UNH since 1998, specializing in Asian American Studies and, more recently, comics and graphic narratives. Monica teaches courses in Asian American studies, American studies, race and ethnic studies, and graphic narratives (including visual culture and theory). She enjoys trying innovative pedagogies, elevating her students by nominating them for awards or suggesting they compete for IROP or UROP fellowships, and watching many of her students move from listener to thoughtful critic in one course or over the span of a few. She often serves as chair for her graduate student panels, driving with them to present at MIT, Dartmouth, or at other regional universities and colleges.

If Monica's not in the classroom or, now, working in T-Hall, she is traveling. She was a Fulbright Scholar (2011-12) at The University of Hong Kong, is currently a Fulbright Specialist (2017-2020), and has lectured in cities such as Hong Kong; Bandung, Indonesia; Chengdu and Beijing, China; and will be lecturing in Seoul, South Korea in January 2019. She always appreciates the ability to learn from and network with students and faculty abroad. And if she can't take her students to China, she has hopped the 7 a.m. Saturday Downeaster with them for walking tours of the gentrification of Boston's Chinatown, concluding the day with a lunch of dim sum at the China Pearl. She is the 2019 UNH Cambridge, England Summer Program director, recruiting students for a summer in the magical town of Cambridge while investigating British graphic narratives with her students.



Monica is the author of two monographs on Asian American literature, co-editor of two collections, and editor of *Drawing New Color Lines: Transnational Asian American Graphic Narratives*. Her essays have appeared in journals such as *LIT: Literature, Interpretation, Theory*; *MELUS*; *Mosaic*; the *Hmong Studies Journal*; and the *Journal of American Studies*. Her current project examines graphic pathographies, or graphic narratives about subjects who are ill. She serves on the editorial board of *MELUS* and has participated often in regional activities sponsored by the University of Massachusetts Boston's Institute for Asian American Studies, for which she was a Fellow in 2003. Other distinctions include the 2008 President's Excellence Through Diversity Faculty Award; the 2008 New Hampshire Women in Higher Education Leadership Emerging Professional Award; and the 2007 Social Justice Award for Faculty Groups (for the UNH faculty seminar she led called the New England Center for Inclusive Teaching focusing on diversity and pedagogy and funded by the Ford Foundation through UMass-Boston). Monica attended the 2007-08 HERS Institute for Women in Higher Education Administration at Wellesley. With UNH colleagues from nursing, occupational therapy, the Honors Program, and UNH's Health and Wellness, Monica is working on a project addressing student stress and anxiety through arts and literature.

FIRST GENERATION CELEBRATION SPOTLIGHT



Left to Right: McNair Scholar, Anna Haber ('19), Chris Scott from Senator Jeanne Shaheen's Office, and Christine Zaines of CFAR



From Left to Right: Amy Slattery from Congresswoman Anne Kuster's office, McNair alum, Lexy Hidrovo, and Christian Rodriguez



Left to Right: UNH Students, Aryane and Ashley with Ashley Motta from Congresswoman Carol Shea-Porter's Office and Kerry Holmes from Senator Maggie Hassan's Office



Left to Right: Dr. Shari Robinson of PACS and Dr. Jim Malley, Environmental Engineering

On November 8, 2018 we enjoyed the second annual NATIONAL FIRST GENERATION COLLEGE CELEBRATION. Thank you to all the UNH students, staff, faculty and administrators, and the offices of Senator Jeanne Shaheen, Senator Maggie Hassan, Congresswoman Carol Shea-Porter and Congresswoman Anne Kuster for celebrating with us.



Left to Right: Thomas Cronin, of Government Relations, Ashley Motta, and Debora McCann of ETS



Left to Right: Gregg Orifici of the Global Education Center and Dr. Catherine Moran, Sociology

Photos courtesy of Randy Schroeder

UPCOMING EVENTS

For McNair Scholars and Pre-McNair Students

This event is free to McNair Scholars and Pre-McNair Students.

Eligible Juniors can apply for funding through our office to attend and present their research.

THE MCNAIR SCHOLARS PROGRAM
INVITES YOU TO SEE

BLACK ODYSSEY

SUNDAY, JANUARY 27, 2019
2:00 PM SHOWING
DOWLING THEATER
PROVIDENCE, RI

An epic, breathtaking, and gloriously theatrical reimagining of Homer's classic that brilliantly combines Greek mythology and African-American history of the last fifty years.
For more information about the show, visit <https://www.trinityrep.com/show/black-odyssey/>.



The McNair Scholars Program will provide transportation to and from Providence, RI and dinner after the show. Since we have to purchase tickets in advance, please RSVP to Helen.Lonek@unh.edu by Tuesday, December 18th. This counts as a McNair Cultural Event!

UNIVERSITY OF MARYLAND

**University of Maryland's
National Conference for McNair Scholars
and Undergraduate Research
Much More Than Just a Conference ...**



The University of Maryland is centrally located and in close proximity to more than 10 of the nation's top universities. We encourage you to schedule University tours while you're in town!

March 14-17, 2019

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2019 McNair Research Seminars

Come and see our Summer 2018 Cohort present their McNair research. Lunch provided and open to all.

Date	Scholar Presenting
February 12, 2019 12:40-2 PM	Juan Gomez-Rivadeneira Stephanie Lo Jaylene Velasquez
March 21, 2019 12:40-2 PM	Julissa Freund Francis Gesel Nelson Idahosa
April 16, 2019 12:40-2 PM	Angelique Georges Brian Nguyen Hannah Nordstrom

The locations will be announced in January 2019

Other Important Dates

(for McNair Scholars)

McNair Summer Research Fellowship Proposals Due (for 2019 Summer Cohort) – **March 17, 2019**

McNair Final Paper Due (for 2018 Summer Cohort) – **March 31, 2019**

20th Annual Undergraduate Research Conference (URC) – April 11-27, 2019