

Welcome to Campus Weekly



UNCG

CAMPUSWEEKLY

CHANCE for LatinX high school students grows



UNCG CHANCE 2019 experienced its largest class of highly engaged LatinX campers in its three year history, says Rod Wyatt, Sr. Director of College Completion Initiatives, Division of Student Success.

160 students registered to attend

The growth of CHANCE is directly linked to several factors. “First and foremost of which is the university ability to deliver on its promise to the LatinX community of providing a pathway to higher education,” he explains. “Secondly, the involvement of our faculty to volunteer their time, talent and wisdom to ensure LatinX students understand that college is not only a possibility but is well within their reach.”

One new event this year was the Amy Williamsen Speaker and Panel Series on Tuesday evening, in honor of the late Dr. Amy Williamsen from the Department of Language, Literature and Cultures.

A full story will be posted on UNCG Now site soon.

The Eagle has landed: Spartans recall the moon landing



Buzz Aldrin, one of the first two humans to walk on the surface of the moon

At 3:17 p.m. on July 20, 1969, the Apollo 11 Lunar Module, the Eagle, landed safely on the moon. The world watched, live, mostly on black and white television sets. The module had only a bit of fuel left as it nestled on the moon’s surface.

“Neil Armstrong stepped on the moon close to 11 p.m. local time,” Dean John Kiss recalls.

He was nine years old, at his home in New Jersey. “The pictures were in black-and-white and were very grainy and ghost-like – but it was exciting and momentous! Plus, it was pretty cool for a 9-year-old to stay up late.” He’s been interested in space ever since.

As a space biologist, Dr. Kiss has had eight plant experiments on space missions and has served as president of the American Society of Gravitational and Space Biology. He has earned NASA’s prestigious Outstanding Public Leadership Medal “for exceptional contributions in spaceflight research in the fundamental biology of plants in support of NASA’s exploration mission.”



His research will help astronauts survive in future journeys to Mars or beyond. He has talked with a number of astronauts, including Buzz Aldrin (who is seen in the photo above), who walked on the moon that evening with Neil Armstrong.

“Apollo showed that the USA can do anything if it has the will,” says Kiss, who had emigrated from Hungary as a preschooler. “I believe that all of us can achieve great things if we put all of our efforts into it.”

Professor emeritus of astronomy Steve Danford also has a vivid memory of the event.

“I watched Neil Armstrong walk on the moon’s surface from the day room of an army

barracks where I was stationed,” Danford says. “The entire effort seemed so difficult, so technically challenging, that it was hard to imagine traveling that incredible distance to the moon, slowing down, landing, and safely returning. Once it had been done – especially when Apollo 8 completed the simplest part of the trip and returned – everything changed and the distance seemed so much less. I don’t think students today even think of the vast distance to the moon as the extreme barrier it seemed to be in the early 1960s.”



A view of Earth rising over the moon’s horizon taken from the Apollo 11 spacecraft.

He laments that after a decade of commitment and six lunar landings by 12 humans in the two years of Apollo landings, the focus turned in other directions. “I would never have guessed that a half century later not one single human would have returned to the moon.”

UNCG Department Head of Physics and Astronomy Edward Hellen was at a family reunion, that day. “A bunch of us were in the living room watching it on TV,” he recalls.

When asked about the broader context of the moon landing, he explained, “I’m sure most of the adults had some understanding of the significance of the space race to the cold war and global politics.” But he enjoyed what he was seeing.

“I was a little kid and didn’t understand the Cold War with the Soviet Union. I assumed it was normal to be constantly sending astronauts on space missions. Ten manned Gemini missions from 1964 to 1966, then the Apollo program gets to the moon in the summer of 1969. It was very cool to me as a kid watching all those missions on TV.”

He has a physics professor’s perspective. “The idea of replacing the nuclear warhead on top of an ICBM with a capsule containing one or two people sounds a bit crazy still. But it worked.”

See Dean John Kiss' recent TedX Greensboro talk, in which he shares his NASA experiences as a space biology researcher.

<https://youtu.be/waRqJoehQ6I>

See recent UNCG Research Magazine feature on Kiss' space-related research.

See related article on a pioneering "human computer" in NASA's earliest days:

<https://newsandfeatures.uncg.edu/unique-connection-hidden-figures/>

By Mike Harris

Photography of Apollo 11 mission courtesy NASA



At 9:32 a.m. EDT, July 16, 1969, Apollo 11 launched from Florida on a mission to the moon.

UNCG receives \$5 million from US Dept. of Education



UNC Greensboro (UNCG) received a \$5 million grant from the U.S. Department of Education's Institute of Education Sciences to lead an assessment of dual enrollment pathways in North Carolina. SERVE, an education research and technical assistance center at UNCG, will partner with the N.C. Department of Public Instruction, the N.C. Community College System, and the RAND Corporation to evaluate the implementation,

impact, and cost of North Carolina's Career and College Promise (CCP) program.

Established by the N.C. General Assembly in 2011, CCP offers qualified high school students the opportunity to earn credits that can be transferred to colleges or career and technical education programs. Students may also enroll in early colleges, or similar innovative schools set on college campuses, that allow them to pursue high school and postsecondary degrees simultaneously.

"North Carolina has long been a national leader in the implementation of dual enrollment and early college opportunities," said project leader Dr. Julie Edmunds, the SERVE Center's program director for secondary school reform. "The U.S. economy increasingly requires higher and higher levels of education for success, and many of our teenagers are leaving high school unprepared. Dual enrollment and early colleges are designed to get young people

ready.”

The project will track CCP student outcomes in school and in the workforce. Study results will contribute to an annual report, recently mandated by the N.C. General Assembly, on the impacts of CCP. The total budget for the project is \$5,206,305, with \$4,968,353 covered by the federal grant and \$237,952 from in-kind donations of time by the state agencies. In addition to collecting CCP data, the partnership will help the N.C. Department of Public Instruction and N.C. Community College System build their capacity to design and implement a joint research agenda, thereby interpreting and utilizing research findings more effectively.

“We need to know what really works – and what doesn’t – and make changes accordingly,” said Edmunds, a nationally recognized researcher on the impact of early college high schools. “It’s about re-envisioning what it takes to successfully prepare students for college and today’s jobs.”

Spartan Club’s new records



The UNCG Spartan Club set new records in fiscal year 2018-19 for the amount raised in overall cash and gifts in-kind (\$1,143,299) and the total raised for the Athletic Scholarship Fund (\$549,458). The overall cash and gifts in-kind raised is a 34 percent increase over fiscal year 2017-18.

Additionally, 100 percent of student-athletes and full-time athletics staff and coaches made a gift to the program, with student-athletes reaching the mark for a sixth consecutive year as part of the True Spartan Challenge.

As for the fourth annual Spiro’s Ball and the 28th annual Spartan Club Golf Classic, the two events combined to raise an all-time high \$130,242 in total net revenue. All proceeds from Spiro’s Ball and the Golf Classic directly benefit UNCG student-athletes.

In addition, since the [launch of UNCG Athletics’ Campaign for Champions 5 for 5 effort](#) in January, 2019, the Spartan Club has received \$1,463,000 in commitments, reaching nearly 30 percent of the overall \$5 million goal in just 5 months.

If you would like to provide a gift through the Spartan Club for UNCG Athletics, you can do so [here](#).

See full post at [UNCG Athletics](#).

By Stephen Czarda

The 2019 Emmy nominations? The UNCG connections



Chris Chalk speaking to a UNCG Theatre class.

Three shows on which UNCG alumni worked received nominations for the 2019 Emmy Awards.

Chris Chalk is a featured actor on "When They See Us." The critically acclaimed limited series about the Central Park Five received 16 nominations.

Additionally, the run for the dramatically stylized “Gotham” has ended, and the show received a nomination for sound editing. Chalk starred as Lucius Fox.

Bernd Reinhardt films comedy skits for “The Jimmy Kimmel Show,” which was nominated for Best Variety Show.

Justin Frasier-Wright is assistant to the executive in charge and line producer at “The Late Show with Stephen Colbert,” which was nominated for Best Variety Show as well.

What are our writers reading? Read on ...



Ah. Summer time is the ideal time for reading. The CW writing staff was wondering what some of our fellow staff writers from throughout campus

were reading this summer. So we asked. It's a good group of books. (We tell what we're reading at the end.) Here are some good summer reads:

"My current list is pretty relevant to my current transitional phase," said **Jolie Helton**. She joined Student Affairs earlier this summer as its Marketing and Communications Coordinator. Prior, she worked for the City of High Point in a similar role and before that worked eight years in college athletics in marketing and promotions.

"The First 90 Days" by Michael P. Watkins and the classic "How to Win Friends & Influence People" by Dale Carnegie, she tells us. Also, "Becoming" by Michelle Obama. "And always, 'Slam' magazine."

Casey Fletcher, director, Marketing and Communications, Bryan School of Business and Economics, is reading two books: "Quiet: The Power of Introverts in a World That Can't Stop Talking" by Susan Cain and "The Creative Curve: How to Develop the Right Idea, at the Right Time" by Allen Gannett. Also, she loves the Smithsonian magazine and Our State.

Alex Abrams joined UNCG in March as Communications and Marketing specialist for the School of Nursing. He worked as a newspaper sports reporter for more than a decade, covering such events as the Super Bowl and the Daytona 500, before transitioning into higher education. "I always have a book on me and have mastered the art of reading a book while walking around campus," he tells us. That's a dedicated reader. Here's his reading list:

- "Thunderstruck" by Erik Larson "I wanted to read this true crime book after finishing

The Devil in the White City by Larson. Thunderstruck weaves Marconi's invention of the long-distance radio transmission with a murder in London. It's such a great read."

- "Darktown" by Thomas Mullen: "I stumbled upon this crime novel about Atlanta's first eight African-American police officers while walking around a used book store. I can't put this novel down, especially since it blends crime, history, and Atlanta. I lived in a suburb of Atlanta as a kid."
- "The Angel of Darkness" by Caleb Carr: "I had to pick up this novel as soon as I learned that Carr had written a sequel to The Alienist. The Alienist is such a well-written crime novel about a serial killer in the 1800s, so this has moved up toward the top of my summer reading list."
- "Batman: Curse of the White Knight": "I'm a big DC comic book fan, especially Batman."

And he reads The Washington Post every day, he adds.

Elizabeth L. Harrison, previously in University Communications, is now Communications and Marketing specialist in the School of Health and Human Sciences. "Right now I'm reading 'Where the Crawdads Sing' after *many* recommendations by family, friends, and colleagues," she tells us.

"I just returned from Montana," she adds, "where I stopped by my favorite book store, The Book Exchange, and picked up local Montana author Susanna Sonnenberg's 'Her Last Death: A Memoir.'"

Also on her list is a quick-read by Abby Wambach, "Wolfpack." And she enjoys two magazines regularly: The Atlantic and the New Yorker.

Todd Lohrenz, who recently joined UNCG as director of Strategic Communications in The Graduate School, tells us, "I've just moved to Greensboro and my entire book collection has been packed and in storage since early May, so my summer reading has been almost non-existent — not counting the untold volumes of work-related articles, ebooks, guidebooks and catalogs I'm trying to get through, anyway. Thankfully, I stopped at a friend's in Northern Georgia on the drive up from Florida and was gifted my new favorite, and only non-work-related book for now, "The Southerner's Cookbook. Recipes, Wisdom, and Stories".

He adds that it's perfect light summer fare for a guy in a new town who, after years of working for both advertising agencies and corporate marketing teams in Chicago and Sarasota, is looking forward to learning more about how to be a true Southerner while settling in to his new job.

Hollie Stevenson-Parrish, director of communications and marketing for University Libraries, says, "I'm reading all Appalachian authors/literature this summer." We notice one

or two were discussed during the Greensboro Bound book festival – an excellent way to learn about great new books.

- “Appalachian Reckoning: A Region Responds to Hillbilly Elegy” by Anthony Harkins and Meredith McCarroll
- “Something Rich and Strange” by Ron Rash
- “Mothers and Strangers: Essays on Motherhood from the New South” by Samia Serageldin and Lee Smith

Mandy Byrd is a marketing writer in UNCG Online. She is enjoying “The Hellfire Club,” a political thriller by Jake Tapper. “It’s nice to have some fiction when I need a break from the news,” she says. “And speaking of news, The Washington Post has a great app for the Kindle.”

Sangeetha Shivaji is Media and Communication Manager in the Office of Research and Engagement and co-editor of UNCG Research Magazine. She is in three book clubs.

“Thanks to the book clubs, I just finished reading ‘Where the Crawdads Sing’ (enjoyed the first half, especially the lovely wetlands descriptions from first-time novelist but experienced, award-winning science writer Delia Owens) and re-reading ‘Between the World and Me’ (actually, re-listening in this case – the audiobook is narrated by author Ta-Nehisi Coates, and it will shake you for the better).”

Sangeetha’s next book? “I’m about to start ‘Her Body and Other Parties: Stories’ by Carmen Maria Machado, and I’m very excited about that. The New York Times review called it ‘a wild thing ... covered in sequins and scales ... borrowing from science fiction, queer theory and horror.’ What’s not to like there?”

Amy Snyder has been Assistant Director/Communications Specialist in the Office of Alumni Engagement since 2016. She tells us she has just finished “Mr. Mercedes” by Stephen King. “I can’t wait to read the next two books in the trilogy,” she says.

She is currently reading “Once Upon a River” by Diane Setterfield – the novel crosses between historical fiction and fantasy, she explains.

What she wants to read next? “Maybe You Should Talk to Someone” by Lori Gottlieb. “As someone with an interest in the mental health field, I am intrigued by the premise of this therapist’s memoir that details her professional experiences and personal journey in counseling.”

And now for writers who (among other roles) write for Campus Weekly:

Susan Kirby-Smith is reading “Americanah” by Chimamanda Ngozi Adichie and “The Leavers” by Lisa Ko. A couple of books she has enjoyed recently include “Pachinko” by Min Jin Lee and “There There” by Tommy Orange.

“I mostly stick to literary fiction and sometimes historical writing that relates to the fiction I’m reading,” she says.

Susan is a staff writer for University Communications and previously taught writing, including fiction writing, at Louisiana State University.

Matthew Bryant is a new staff writer for University Communications, having served the Medicinal Collaborative in UNCG Chemistry & Biochemistry for the last two years. He was at Stanford before that. Matthew is particularly drawn to creative nonfiction.

Current reads include “The Weather Machine: A Journey Inside the Forecast” by Andrew Blum and “On the Move: A Life” by Oliver Sacks.

He’s a regular reader of Oxford American, Harpers, the New Yorker, and Creative Nonfiction magazines.

CW writing intern **Avery Campbell** is reading Tin House Magazine’s 80th and final issue. He also just started Italo Calvino’s “Six Memos for the Next Millennium” (“Calvino is one of my favorite authors, and what he has to say about his writing philosophy is enlightening”).

Mike Harris read Michael Parker’s “If You Want Me to Stay” to begin the summer. He is currently making his way through a biography of Gram Parsons (“I’ve nearly reached the point where Emmylou Harris joins the band”) and the “Oxford American Book of Great Music Writing,” plus enjoying back issues of the New Yorker and the NC Literary Review, and the newest Oxford American. He just started George Washington’s “Rules of Civility & Decent Behaviour In Company and Conversation” (“it’s interesting history”). Mike is editor of UNCG Campus Weekly, editor of UNCG Magazine, and co-editor of UNCG Research Magazine. He had earlier careers as a marketing writer and as a teacher.

We want to know what more of the campus community is reading this summer. Email us at mdharri3@uncg.edu.

New leaders for UNCG Staff Senate

Two UNC Greensboro staff members have taken the reigns as co-chairs of the 2019-20 UNCG Staff Senate.

Kisha Carmichael-Motley and Adam Horton will share leadership of the group of campus senators who represent seven areas of campus: Academic Affairs (including Moss Street Partnership School, Joint School of Nanoscience & Nanoengineering, UNCG Online, International Programs, Enrollment Management, Graduate School, Weatherspoon Art Museum), Business Affairs, Student Affairs, Information Technology Services, University Advancement, Office of the Chancellor (including Intercollegiate Athletics, General Counsel, University Communications), and the Office of Research and Engagement.



Carmichael-Motley is an instructional designer for UNCG Online.



Horton is director of technology support for The Graduate School.

The Staff Senate is campus staff’s voice in the Chancellor’s Office and within other areas of campus administration. Carmichael-Motley and Horton explain that senators are a resource for staff to voice concerns and suggestions, and part of their responsibility is to share updates on major campus or UNC System developments and opportunities.

The new co-chairs have challenged themselves to make the Staff Senate even better by improving communication among staff, especially when it comes to promoting events, initiatives, and opportunities to connect and get involved. Past volunteer events for staff have included working at Moss Street Elementary field days, Habitat for Humanity projects, and the “Fresh Mobile Market” as part of the “Out in the Garden Project,” which provides food for qualifying families in the Greensboro and High Point area.

But the work the Staff Senate extends to recruitment of future staff as well. Horton says that he and Carmichael-Motley want to make UNCG more prominent and a place where people want to come and work. “That ‘Find Your Way Here’ thing, you know, it’s for employees too,” Carmichael-Motley says. “We want people to be excited about working here, and to know all of the wonderful things that are part of this university.”

The latest Staff Senate news can be found on their website at <https://staffsenate.uncg.edu/category/featured-news/>

By Matthew Bryant

2019 National Night Out will be August 6

UNCG is partnering with both the Glenwood neighborhood and College Hill neighborhood in planning for their respective [National Night Out](#) events.

Both events will be held on the evening of August 6, with UNCG providing activities centered around “health and wellness” and “visual and performing arts.”

Glenwood’s National Night Out will be held at the Glenwood Recreation Center on Coliseum Blvd. beginning at approximately 6:45 p.m. Among the kid-friendly activities will be a healthful and tasty “hydration station” by UNCG’s Recipe for Success Program and movement activities offered by a member of UNCG’s Kaplan Center for Wellness. The movie “Shifting Gears,” written by and featuring UNCG MFA alumnus R. Keith Harris, will be screened.

College Hill’s National Night Out will be held at Tate Street (which will be closed to vehicles between Carr St. and Walker Ave.) starting at 5 p.m. UNCG’s Costume Shop on Tate St. will have an open house, and food will be collected for the Spartan Pantry. Additional community partners include the City of Greensboro, AARP, the Tate St. Merchants, and a variety of performers.

The events are free-admission. Questions? Contact either of these neighborhood associations through their Facebook pages or email Nikki Baker at nikki.baker@uncg.edu.

‘Real News, Real Talk for Middle Schoolers’

Calling all middle schoolers! Join UNCG University Libraries this summer for a free workshop for rising 6th, 7th and 8th graders that encourages critical thinking, civil discourse, information literacy, and promotes a lifelong love of learning. Your child will learn how to find quality information, evaluate sources, communicate ideas effectively, and develop informed opinions.

Registration is required — reserve your place by July 26, 2019. Snacks and drinks will be provided. The event is co-sponsored by Onward!, UNCG Department of Communication Studies, and University Libraries. For disability accommodations, email mmurphy@uncg.edu.

For more information and to register, visit <http://go.uncg.edu/rnrtregister>.

Newsmakers: Lenstra, Sloan, Janke, McGuirt, and big grant

Whether researchers with timely insights or students with outstanding stories, members of the UNCG community appear in print, web and broadcast media every day. Here is a sampling of UNCG-related stories in the news and media over the week:

- Dr. Noah Lenstra was featured in an episode of NPR’s “All Things Considered” on libraries employing social workers. [The episode.](#)
- Yes! Weekly featured an article by senior Marisa Sloan on the science behind brewing. [The article.](#)
- Dr. Emily Janke was featured in the latest issue of Metropolitan Universities, discussing the role of scholar-administrators as agents of change. [The article.](#)
- A High Point Enterprise article on food insecurity quoted professor Jared McGuirt on his work making nutritional information accessible to children. [The piece.](#)
- Dr. Noah Lenstra wrote an article for the National Recreation and Park Association on how libraries tackle food insecurity. [The piece.](#)
- The News & Record featured the \$5 million grant from the U.S. Department of Education to UNCG. [The article.](#)

Dr. Laura Gonzalez named North Carolina Campus Compact Engaged Faculty Scholar



Dr. Laura Gonzalez, associate professor of education, has been named one of North Carolina Campus Compact’s 2019-20 Engaged Faculty Scholars (EFS).

The Engaged Faculty Scholars program provides a cash stipend, a travel budget, professional development, and other resources to allow the selected faculty members to carry out a project of their own design to promote engagement at their institution. The nominees also join a larger community of scholars doing community-engaged research and teaching, and act as consultants to other North Carolina colleges.

In the past, Gonzalez has performed research on college accessibility for young Latinx people with immigrant status or immigrant family, including a study with the Latino Community Coalition of Guilford to collect stories from young undocumented people, or those who hold a DACA protection status. The EFS nomination will allow her to further this work.

“Having this time and scholarly support will allow me to focus on bringing forth an idea that had been gestating for quite a while,” Gonzalez says.

She will create a guidebook for K-12 school staff to work directly with students of various immigration statuses. Each chapter of the book will begin with a personal story from a young adult who is undocumented or has DACA, and will then suggest advice and response to the challenges of immigrant students, pulling from best practices and the expertise of educators and advocates. With this project, she hopes to create a resource to help educate school-based personnel, who often don’t have the experience needed to guide immigrant youth through the unique challenges they face.

“I owe my deep gratitude to the seven young adults with varied immigration statuses who shared their stories of educational aspirations and challenges with me,” she says, “Their voices will be the heart of this guidebook.

The other Engaged Faculty Scholar is UNC Pembroke’s Dr. Scott Hicks, whose research will focus on faculty development in sustainability and service-learning.

Dr. Perry Flynn



Dr. Perry Flynn (Communication Sciences and Disorders) received new funding from the Phoenix Academy for the project “Speech Language Pathology Service Contract with Phoenix Academy.”

The purpose of this agreement is to provide speech and language therapy services to children in the Phoenix Academy who qualify for these services.

Dr. Sonja Frison



Dr. Sonja Frison (The Center for Youth, Family and Community Partnerships) received a continuation of funding from the NCDHHS Division of Mental Health, Developmental Disabilities and Substance Abuse Services for the project “The North Carolina Tiered Case Coordination Pilot Project, Year 3.” Drs. Ken Gruber and Jeremy Bray are co-principal investigators on the project.

In FY16, North Carolina LME-MCOs served an estimated 1.1 million Medicaid and uninsured children and youth. Concerns about a lack of coordination across child-serving systems resulting in insufficient assessment of behavioral health needs, slow delivery of services, and an impenetrable public behavioral health system were highlighted by the Governor’s

Taskforce on Mental Health/Substance Use.

Frison also received new funding from North Carolina Department of Health and Human Services for the project “NC Healthy Transitions for Youth and Young Adults with Serious Mental Disorders.”

Dr. John Willse



Dr. John Willse (Educational Research Methodology) received new funding from the North Carolina Department of Public Instruction for the project “Special Projects in Development and Maintenance of Statewide Assessments (OAERS/DPI, 2019-2020).”

The Office of Assessment, Evaluation, and Research Services (OAERS) in the Department of Educational Research Methodology (ERM) at UNCG will provide technical assistance and conduct research to support North Carolina Test Development program in the development and maintenance of a comprehensive system for general and alternate assessments in English language arts/reading, mathematics, science and social studies.

Willse also received new funding from Guilford County Schools for the project “Accountability Support with Guilford County Schools 2019-2020.”

Research services by the Office of Assessment, Evaluation, and Research Services (OAERS) related to data analysis, data management, and report writing.

Dr. Wei Zhong



Dr. Wei Zhong (The Center for Translational Biomedical Research) received new funding from the National Institute on Alcohol Abuse and Alcoholism for the project “DUOX2 Dysfunction in alcohol-induced Host-microbiota Dyshomeostasis.”

Dr. Heidi Carlone



Dr. Heidi Carlone (Teacher Education and Higher Education) received new funding from the Duke Energy Foundation for the project “STEM Teacher Leader Collaborative: Empowering Teachers. Nurturing STEM Equity.”

This proposal requests funding from the Duke Energy Foundation to support the following programs: 1. Summer Advanced Institute for 15 teachers; 2. Summer Introductory Institute for 20 teachers; 3. Building lending library for 150+ teachers in their network to check out science and engineering resources; and 4. Communities of Inquiry, which will take place during the school year to support teachers in continuing professional learning in their classrooms.

Dr. Jasmine DeJesus



Dr. Jasmine DeJesus (Psychology) received a continuation of funding from California State Polytechnic University for the project “Developmental Trajectories of Dyadic Feeding Interactions During Infancy and Their Association With Rapid Weight Gain.”

DeJesus has directed the behavioral protocol and data collection for the videotaped solid food feedings. She will consult on the management, analysis, interpretation, and dissemination of that data. Specifically, she will participate in conference calls about developing coding protocols and will give feedback on manual drafts and any issues that come up during the coding based on her expertise in designing the protocol. She will also participate in disseminating the findings by giving feedback on conference presentations and manuscripts for publication.

Dr. Heidi V. Krowchuk



Dr. Heidi V. Krowchuk (Family and Community Nursing) received a continuation of funding from the Health Resources and Services Administration (HRSA) for the project “Nurse Anesthetist Traineeships”.

The purpose of the Nurse Anesthetist Traineeship Program is to provide monetary educational support to prepare a workforce of highly competent Certified Registered Nurse Anesthetists (CRNAs) who can provide evidence-based anesthesia care and help combat the opioid abuse epidemic among the medically underserved populations in North Carolina. With the financial support provided, qualified baccalaureate prepared registered nurses will be able to matriculate into the 3-year Doctor of Nursing Practice (DNP) program of full-time study offered by The UNCG School of Nursing and the Raleigh School of Nurse Anesthesia (RSNA). Increasing the number of CRNAs who are prepared to recognize opioid misuse, and who can effectively manage pain using evidence-based multi-modal strategies in rural and underserved communities will be accomplished through the recruitment of a diverse group of

qualified baccalaureate prepared registered nurses, their clinical and didactic preparation conducted by expert CRNA and other nursing faculty, and their practice locations in rural communities and medically underserved (MUA) and health professional shortage areas (HPSAs) upon graduation.

Dr. Daniel Herr



Dr. Daniel Herr (Biology) received a continuation of funding from the National Institutes of Health for the project “UNC Greensboro MARC USTAR Engage, Sustain, and Prepare.” Dr. Matina Kalcounis-Ruppell is co-principal investigator on the project.

The University of North Carolina at Greensboro (UNCG) MARC U-STAR has a comprehensive undergraduate training program addressing the need to increase the diversity of students pursuing graduate studies in biomedical research and careers in the NIH-funded research workforce. The long-term goal is to increase the number of UNCG students from underrepresented (UR) and/or disadvantaged backgrounds successfully completing graduate training in biomedical or behavioral health sciences. To reach this goal the UNCG MARC U-STAR program will engage these fellows in substantive independent research projects leading to a research thesis and attaining comprehensive basic laboratory and evaluation skills. A quality pool of research faculty is available to mentor fellows and sponsor their research projects. The UNCG MARC U-STAR will sustain academic, professional, and social development with enrichment strategies that include learning communities, supplementary instruction, intensive research skills curricula and workshops, and service-learning activities. This multidisciplinary program will prepare fellows for success in graduate training in biomedical and/or behavioral health sciences by ensuring competency in research fundamentals and requisite professional communication, teamwork, and leadership skills. Synergy from aligning a writing-intensive curriculum with co-curricular activities and programmatic research benchmarks will facilitate fellows acquiring research and communication skills necessary for success in graduate training.

Dr. Gabriela L. Stein



Dr. Gabriela L. Stein (Psychology) received new funding from the NIH National Institute of Mental Health (NIMH) for the project “Building Infrastructure for Community Capacity in Accelerating Integrated Care.” Drs. Kari Eddington, Stephanie Coard, and Andrew Supple are co-principal investigators on the project.

Despite the promise of accountable care organizations (ACOs) in transforming the healthcare

landscape, a recent study revealed that ACOs serving a greater proportion of racial/ethnic minorities scored worse on quality performance measures and that 37% of ACOs had no formal relationship with a mental health provider. Thus, their proposed collaborative R01 seeks to establish community-ACO-academic partnerships to expand capacity for mental health care in North Carolina and Massachusetts. They propose to test an innovative model that includes training community health workers to provide an integrated, evidence-based intervention in community settings linked to ACOs, and to determine the long-term sustainability of the intervention within ACO networks.

Dr. Olav Rueppell



Dr. Olav Rueppell (Biology) received a continuation of funding from the DOD DA Army Research Office (ARO) for the project “Studies of the Plasticity of Stress Defense Induction in the Social Honey Bee Model.”

The western honey bee (*Apis mellifera* L.) represents one of the most important invertebrate research models in the post-genomic era. In addition to their importance in basic research, honey bees have received scientific attention because they are economically and ecologically important pollinators. The number of managed honey bee hives shows a long-term decline over the past sixty years. The main factors that are considered for their negative effects on honey bee health are pathogens, pesticides, nutrition, and general management stress. Many abiotic and biotic factors may stress individuals at lower levels, creating sublethal adverse effects. However, many stressors can have beneficial effects in a variety of organisms and contexts when the organisms are exposed to low levels. The central hypothesis of the proposed research project is that the induction of defense mechanisms varies among essential and non-essential components of biological systems. They will address this hypothesis by testing the prediction that honey bee colony members show different degrees of inducible stress defenses according to their importance to their colony. The project will consist of the following five specific aims: 1) Inducing stress defense mechanisms in honey bees. 2) Investigation of caste differences in stress defense induction. 3) Investigation of within-caste differences in stress defense induction. 4) Characterization of the systemic response of stress defense induction. 5) Measuring the cost of stress defense induction as physiological effects. Together, these aims will lead to a comprehensive understanding of stress induction in its relation to social evolution in honey bees with general implications for understanding the evolution of stress responses and for maintaining pollinator health.

Rueppell also received new funding from the DOD DA Army Research Office (ARO) for the project “The Impact of Body Size on Resilience in *Apis mellifera*.”

The western honey bee (*Apis mellifera* L.) represents one of the most important invertebrate research models in the post-genomic era. In addition to their importance in basic research, honey bees have received scientific attention because they are economically and ecologically important pollinators. The number of managed honey bee hives shows a long-term decline over the past sixty years. The main factors that are considered for their negative effects on honey bee health are pathogens, pesticides, nutrition, and general management stress. Many abiotic and biotic factors may stress individuals at lower levels, creating sublethal adverse effects. Basic parameters of stress response in honey bees are not understood. Importantly, we do not know anything about how body size variation plays into stress resistance. This proposal focuses on experimentally induced body size variation and its consequences for stress resistance at the molecular, individual, and colony level.

Dr. Sherine Obare



Dr. Sherine Obare, dean of the Joint School of Nanoscience and Nanoengineering, has been named a fellow of the American Chemical Society. The nomination recognizes outstanding achievements in the field of chemistry.

Obare's research and leadership work has been recognized internationally and fostered collaborations across the disciplines of chemistry and environmental engineering.

She has received the National Science Foundation CAREER Award and she was named one of the top 25 women professors in the state of Michigan by Online Schools Michigan.

Her research focuses include environmental remediation, alternative energy, designing nanoscale materials for drug delivery, improving healthcare, and developing strategies to improve STEM education.