Noftsinger Celebration of Madison Scholarship and Recognition Reception

November 6, 2019

Honoring scholarly endeavors and the pursuit of external funding at James Madison University during Fiscal Year 2019
(July 1, 2018 - June 30, 2019)

Keynote Speaker

Provost Award Winner for Excellence in Research and Scholarship

Sharon R. Mazzarella, Ph.D.

School of Communication Studies

Sharon R. Mazzarella (Ph.D., University of Illinois at Urbana-Champaign) joined JMU as Professor of Communication Studies in 2009 where she also served as the academic unit of head of the school until 2014. She teaches primarily in the areas of cultural communication and research methods at both the undergraduate and graduate levels. Her research takes a critical/cultural approach to interrogating mediated representations of youth, particularly girls and girlhoods. Her forthcoming book, Girls, Moral Panic, and the News Media: Troublesome Bodies (Routledge) takes a critical look at U.S. print media constructions of girls and girls' bodies/sexualities through a series of in-depth case studies of contemporary events. Taken as a whole, these case studies document an ongoing moral panic that constructs girls' bodies as troublesome and in need of adult policing.

Research and Scholarship Outstanding Faculty Award Recipients

Presented by Tamara Hatch, Director, Office of Sponsored Programs, Pre-Award

The Office of Sponsored Programs (OSP) asked Department Heads to nominate faculty within their departments who met criteria areas in teaching, scholarship, service, and mentoring through their externally funded projects during fiscal year 2019. These nominations were forwarded to a selection committee made up of interdisciplinary JMU faculty and staff members representing a wide range of academic divisions. The committee members' award recommendations were the basis in selecting the final award recipients.

Timothy A. Bloss, Ph.D.

Biology Department

Born and raised in the northern plains (Wisconsin and Minnesota), Tim Bloss has been a JMU faculty member since 2006. His path to JMU began with earning a B.A. in Biology from Carleton College, followed by a stint as a laboratory technician at the University of Chicago working with Dr. Shutsung Liao investigating the nature of prostate cancer. From there he attended graduate school at the University of Wisconsin-Madison, where he earned his Ph.D. in Cellular and Molecular Biology working in the lab of Dr. Bill Sugden studying the role of Epstein-Barr virus in the development of carcinoma and lymphoma. Subsequently Dr. Bloss performed a post-doctoral fellowship at the University of California-Santa Barbara in the lab of Dr. Joel Rothman, where he investigated the mechanisms of cell death/apoptosis passion for science among the future generations of decision makers. Among several science outreach programs that he pioneered at JMU, he is known as the co-creator of the "Demystifying the Expert" talk-show where scientists, including their research work and lives outside the ivory towers, are "dissected" by comedians, and where, as a consequence, the audience laughs out loud while inadvertently learning about

Timothy Bloss, Ph.D.

continued

cutting edge scientific discoveries.

Patrice Ludwig, Biology, and Joe Harsh, Biology are co-PI's on Dr. Bloss's Howard Hughes Medical Institute, "Inclusive Excellence Grant."

Anca Constantin, Ph.D.

Physics & Astronomy Department

Anca Constantin is an Associate Professor in the Physics and Astronomy Department, where she teaches physics and astronomy. She conducts scholarly research with a focus on galaxies that host in their centers supermassive black holes that are actively feeding on (a.k.a. accreting) stuff (i.e., matter of all kinds, gas, dust, stars) around them. Prof. Constantin received her BSc in physics at the University of Bucharest where she studied molecular and atomic physics and astrophysics and completed her Ph.D. in astrophysics at Ohio University. She held a postdoctoral position at Drexel University and a fellowship at the Harvard-Smithsonian Center for Astrophysics, before joining JMU in 2009. Her galactic investigations involve identifying telltales of the processes by which black holes form and grow in galaxy centers, which most often require new observations. She was successfully awarded by NASA and NSF funded space-and ground-based observatories like the Hubble Space Telescope, the Chandra Space Observatory, the Multiple Mirror Telescope, the W.M. Keck and the Gemini North Observatories, as well as with the largest steerable radio telescope in the world, the Green Bank Telescope in WV. She initiated astronomical observations and

analysis in many JMU students. Prof. Constantin is also actively engaged in reaching out and disseminating her passion for science among the future generations of decision makers. Among several science outreach programs that she pioneered at JMU, she is known as the co-creator of the "Demystifying the Expert" talk-show where scientists, including their research work and lives outside the ivory towers, are "dissected" by comedians, and where, as a consequence, the audience laughs out loud while inadvertently learning about cutting edge scientific discoveries.

Patricia A. Kennedy, MA.

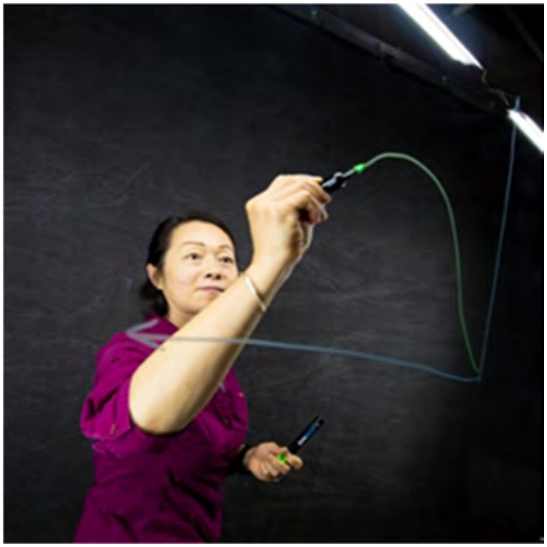
Early, Elementary, & Reading Education

Pat Kennedy received her undergraduate in Special Education from Madison College and M.Ed. in Reading Education from James Madison University. She is the Director of the College of Education's Young Children's Program and is an instructor in the Early, Elementary and Reading Education Department. Ms. Kennedy began her JMU career, seventeen years ago, at the Institute for Innovation in Health in Human Services where she started the Reading Road Show – Gus Bus program and was the grant manager for several national, state and local projects.

Teresa Harris, Department Head of Early, Elementary, and Reading Education served as a co-PI on Pat's Virginia Department of Social Services, "Shared Services for Family Day Homes," project funded in FY19. This project has been renewed for funding in FY20 with a new co-PI, Maryam Sharifian.

Juhong Christie Liu, Ph.D.

Libraries



Dr. Liu's scholarship development mainly focuses on conducting applied and design research to enhance teaching and learning and inform instructional design. She has been a PI and Co-PI of three externally funded grant awards in the fields of instructional design and development of open educational resources (OER) to provide open, accessible, and interactive learning materials, and engage student learning with active strategies. Along with the collaborative OER design and development, Dr. Liu led the customization of a suite of instruments for design-based research (DBR), including the usability test of the OER design, pretest and posttest of science learning experience, an adapted protocol for classroom observations, and a grading rubric for evaluating student scientific writing. The scholarship generated out of these projects has unveiled instructional design of accessible OER, and how students learn in and out of classrooms with openly available OER. As an active researcher, Dr. Liu published 6 peer-reviewed journal articles, 4 book chapters, and led the editing of three peer-reviewed IEEE-published international conference proceedings between 2017 and 2019. She is also an avid reviewer and participant in her subject areas of scholarly work. She conducts peer review for 6 journals, serves on 2 editorial boards and NSF review panels, and is a faculty mentor for the e/Merge Africa International Research Collaborative for Established and Emerging Scholars (IRCEES), a collaboration

sponsored by the Association for Educational Communications and Technology (AECT).

Liz Johnson, Associate Professor of Geology and Environmental Science is a co-PI on Dr. Liu's grant from FY19, "Creating an Interactive Open Educational Resource (OER) Microscopy Textbook for Petrology," funded by Virginia's Academic Library consortium.

Roderick H. MacDonald, Ph.D.

School of Integrated Sciences

Rod has over 25 years' experience developing simulation models as decision support tools for local, state, and federal agencies as well as for numerous businesses ranging from Boeing to small medical groups. Projects Rod has worked on include HIV/AIDS, traffic safety, DWI recidivism, mental health services, fleet maintenance, supply chain management, criminal justice, infant mortality, tobacco use, environmental conservation, and the development of simulation-based case studies used in national student competitions. As a Peace Corps volunteer, Rod served as a drought relief technical officer in Botswana, Africa. Rod is currently working on projects with the Army Corps of Engineers on capital stocks and benefits, with colleagues from VT and Yale on youth drinking and driving, and on the development of a model that tracks the effects of training in neonatal intensive care units.

Gerald R. Weniger, MPAS

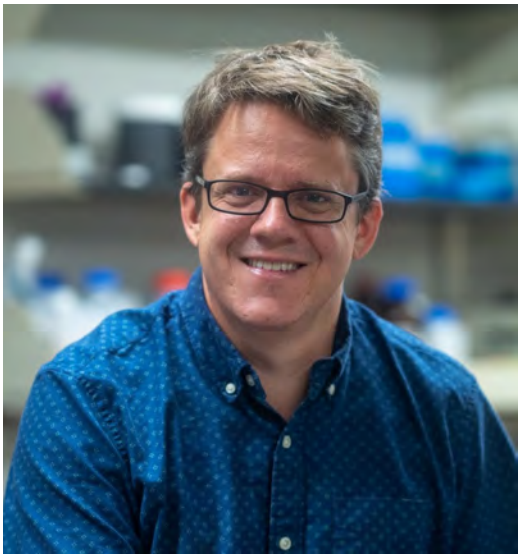
Department of Health Professions

Gerald (Jerry) Weniger is an Associate Professor in the Department of Health Professions. He has been the Program Director for the Master of Physician Assistant (PA) Studies graduate program since 2013. Mr. Weniger has over 10-yearsof experience as a physician assistant having worked in Orthopedic Surgery, Student Health, and Emergency Medicine. He continues to practice Emergency Medicine part-time at Sentara RMH Medical Center. While at JMU he secured over $886,000 in grant funding from the Health Resources and Services Administration (HRSA) to establish a 5-year collaboration between the PA Program and the Harrisonburg-Rockingham Free Clinic. The collaboration titled, the "Student -Engaged Medical Clinic" (SEMC), provides PA students in the didactic phase of the program the opportunity to attend the SEMC three times per spring, summer, and fall semesters, for a total of approximately 9-10 experiences annually. PA students see Free Clinic patients under the direct supervision of licensed physician assistant and nurse practitioner preceptors. Typical duties include obtaining patient histories, performing physical exams, forming a differential diagnosis, performing common bedside procedures, and determining appropriate management plans. A unique inter-professional experience, students also have the opportunity to collaborate with physician specialists, pharmacy staff, nursing staff, and allied health professionals including dietitians and mental health counselors. This opportunity for students to care for a rural, underserved population, and to gain valuable clinical experience is extraordinary. Students gain not only clinical

experience by treating complex patients who have multiple chronic conditions, but also learn much about professionalism, culturally competent care, and working with inter-professional teams. Between 2016 and 2018, Mr. Weniger secured two additional HRSA grants totaling $67,000 related to the education and treatment of opioid use disorders for local medical practitioners and the training of PA students in medication assisted treatment. Medication assisted treatment involves the use of methadone, naltrexone, and buprenorphine in combination with counseling and behavioral therapies to provide a "total patient" approach to the treatment of substance use disorders. The PA program is proud to be at the forefront of helping to combat the nationwide opioid epidemic.

Nathan T. Wright, Ph.D.

Department of Chemistry & Biochemistry



Nathan Wright (Associate Professor, Chemistry and Biochemistry) received his undergraduate degree from Haverford College, a Master's in cellular biology at U. of Pennsylvania, his Ph.D. at University of Maryland, Baltimore, and did a post-doctoral fellowship at Johns Hopkins. Since coming to JMU in 2011, he has worked on solving the high-resolution protein structures of cytoskeletal proteins that are found in muscle cells. These proteins help anchor cells to each other, and assist in conferring both strength and flexibility to muscle. By studying these systems and mutated versions of these systems, the Wright lab provides insight into how muscle diseases arise on the atomic level through the organismal level. Outside of doing and teaching science, Nate enjoys hiking, biking, sailing, playing with his family, and having fun in general.

Recognized Accomplishments

The following listings compiled by the Office of Sponsored Programs honors all those involved in the pursuit of external funding at JMU during fiscal year 2019 (July 1, 2018—June 30, 2019).

Cumulative Funding Tiers

A cumulative total of at least the money tier amount throughout their career at James Madison University. Note, only those who have received an award during fiscal year 2019 will be listed.

20 Million Dollar Tier

- Kim Hartzler-Weakley, Institute for Innovation in Health & Human Services
- Cheryl Henderson, Training/Technical Assistance Center

15 Million Dollar Tier

- John McNaught, Training/Technical Assistance Center
- Rhonda Zingraff, College of Health & Behavioral Studies

10 Million Dollar Tier

- Ken Rutherford, Center for International Stabilization & Recovery

5 Million Dollar Tier

- Bob Kolvoord, College of Integrated Science & Engineering
- Jon Miles, School of Integrated Sciences

2 Million Dollar Tier

- Emily Akerson, Institute for Innovation in Health & Human Services
- Jennifer Coffman, Center for Global Engagement
- Benjamin Delp, Research & Scholarship
- Carol Dudding, Communication Sciences & Disorders
- Suzanne Fiederlein, Center for International Stabilization & Recovery
- Kimberly Foreman, School of Accounting
- Kevin Giovanetti, Physics & Astronomy
- Alleyn Harned, Virginia Clean Cities
- M. Hossain Heydari, Computer Science
- Pat Kennedy, Early, Elementary, & Reading Education
- Joyce Krech, Small Business Development Center
- Gabriel Niculescu, Physics & Astronomy Department
- Ioana Niculescu, Physics & Astronomy Department
- Eric Pyle, Geology & Environmental Science
- Barbara Reisner, Chemistry & Biochemistry
- Lee Sternberger, Center for Global Engagement
- Nick Swayne, 4-VA
- Anthony Tongen, Mathematics & Statistics, Research & Scholarship

1 Million Dollar Tier

- Robin Anderson, Graduate Psychology
- Jolynne Bartley, Institute for Innovation in Health & Human Services
- Tim Bloss, Biology

1 Million Dollar Tier Continued

- David Carothers, Mathematics & Statistics
- Kerry Cresawn, STEM Outreach and Education Center
- Tim Estep, Institute for Innovation in Health & Human Services
- Teresa Harris, Early, Elementary, & Reading Education
- Joseph Harsh, Biology
- Robbie Higdon, Middle, Secondary, & Mathematics Education
- Heather Holsinger, Center for International Stabilization & Recovery
- Patrice Ludwig, Biology
- Bob McKown, School of Integrated Sciences
- Jonathan Monroe, Biology
- Shaun Mooney, Valley Scholars
- Jennifer Risser, Center for International Stabilization & Recovery
- Brett Tjaden, Computer Science
- Angela Webb, Middle, Secondary, & Mathematics Education
- William Wood, Center for Economic Education

$500,000 Tier

- Corey Cleland, Biology
- Christopher Clinard, Communications Sciences & Disorders
- Raymond Enke, Biology
- Melissa Lubin, Professional & Continuing Education

- Meghann McCoy, WMRA
- Jacquelyn Nagel, Engineering
- Carole Nash, School of Integrated Sciences
- Cynthia O'Donoghue, Communication Sciences & Disorders
- Rocky Parker, Biology
- Scott Paulson, Interdisciplinary Liberal Studies
- Erika Sawin, Nursing
- James Sochacki, Mathematics & Statistics
- Morgan Steffen, Biology
- Gerald Weniger, Health Professions
- Jacqueline Williams, Kinesiology
- Roshna Wunderlich, Biology

1st Time Proposal Submission at JMU

Faculty who submitted a proposal for the first time at JMU during fiscal year 2019

- Christine Argenbright, Nursing
- Kirk Armstrong, Health Professions
- Elizabeth Arnold, Mathematics & Statistics (awarded in FY19)
- Jolynne Bartley, Institute for Innovation in Health & Human Services (awarded in FY19)
- Kristina Blyer, (co-PI) Biology
- Robin Crowder, Learning, Technology, & Leadership Education (awarded in FY19)
- Chiara Elmi, (co-PI) Geology & Environmental Science
- Tim Estep, Institute for Innovation in Health & Human Services (awarded in FY19)

1st Time Proposal Submission at JMU

continued

- Eric Fife, School of Communication Studies (awarded in FY20)
- Jason Forsyth, (co-PI) Engineering
- Jamie Frye, (co-PI) Health Professions
- Ángel Garcia, Geology & Environmental Science (also a co-PI in FY19)
- Abraham Goldberg, (co-PI) Center for Civic Engagement
- Philip Herrington, History (awarded in FY20)
- Corey Hickerson, School of Communication Studies
- Gilpatrick Hornsby, Hart School of Hospitality, Sport, & Recreation Management (awarded in FY19)
- Shraddha Joshi, (co-PI) Engineering
- Natalie Kerr, Psychology (awarded in FY19)
- Christina Kilby, Philosophy & Religion
- Andrea Knopp, Nursing
- Christina Lam, Nursing
- Laura Lambert, School of Integrated Sciences
- Kendra Letchworth Weaver, Physics & Astronomy (awarded in FY20)
- Brian Leventhal, Graduate Psychology (awarded in FY20)
- Christie Liu, Libraries (awarded in FY19)
- Neil Marrin, (co-PI) Hart School of Hospitality, Sport, & Recreation Management (awarded in FY19)
- Shane McGary, Geology & Environmental Science
- Lisa McGuire, Social Work
- Ilarioin Melnikov, Physics & Astronomy (awarded in FY20)

- Callie Miller, (co-PI) Engineering
- Kathleen Moore, School of Integrated Sciences
- Carmen Moreno, Institute for Innovation in Health & Human Services (awarded in FY19)
- Margaret Mulrooney, General Education (awarded in FY19)
- Scott Pendleton, (co-PI) Physics & Astronomy
- John Peterson, School of Music (awarded in FY19)
- Linda Plitt-Donaldson, Institute for Innovation in Health & Human Services (awarded in FY20)
- Zareen Rahman, Middle, Secondary, & Mathematics Education
- Jason Rosenhouse, Mathematics & Statistics (awarded in FY19)
- Ahmad Salman, School of Integrated Sciences
- Elena Savina, Graduate Psychology
- Maryam Sharifian, (co-PI) Early, Elementary, & Reading Education (awarded in FY20)
- Sara Snyder, Educational Foundations & Exceptionalities (awarded in FY19)
- Nathan Sprague, (co-PI) Computer Science (awarded in FY20)
- Wren Stevens, Madison Art Collection
- Michael Stewart, (co-PI) Computer Science (awarded in FY20)
- Joshua Streeter, School of Theatre & Dance (awarded in FY20)
- Elham Torabi, Computer Information Systems & Business Analytics

1st Time Proposal Submission at JMU

continued

- Sîan White, English
- Shelley Whitmeyer, Geology & Environmental Science (awarded in FY19)
- Emily York, (co-PI) School of Integrated Sciences (awarded in FY20)
- Kirk Armstrong, Health Professions
- Elizabeth Arnold, Mathematics & Statistics

1st Time Award Recipients at JMU*

Faculty who have been awarded external funding for the first time in the Principal Investigator role at JMU during fiscal year 2019
** 1st Time Award Recipients please see OSP staff before you leave for a congratulatory item*

- Elizabeth Arnold, Mathematics & Statistics
- Jolynne Bartley, Institute for Innovation in Health & Human Services
- Robin Crowder, Learning, Technology, & Leadership Education
- Tim Estep, Institute for Innovation in Health & Human Services
- Rubén Graciani, School of Theatre and Dance
- Daniel Holt, Psychology
- Gilpatrick Hornsby, Hart School of Hospitality, Sport, & Recreation Management
- Natalie Kerr, Psychology
- Deborah Kipps-Vaughan, Graduate Psychology

- Christie Liu, Libraries
- Rod MacDonald, School of Integrated Sciences
- Marianne Mason, Foreign Languages, Literatures, & Cultures
- Carmen Moreno, Institute for Innovation in Health & Human Services
- Margaret Mulrooney, General Education
- Joshua Pate, Hart School of Hospitality, Sport, & Recreation Management
- Jason Rosenhouse, Mathematics & Statistics
- Mikaela Schmitt-Harsh, Interdisciplinary Liberal Studies
- Yasmeen Shorish, Libraries
- Sara Snyder, Educational Foundations & Exceptionalities
- Dee Weikle, Computer Science
- Shelley Whitmeyer, Geology & Environmental Science

1st Year Faculty Recognition

First year faculty members at JMU who either submitted a proposal for external funding or were awarded external funding in fiscal year 2019

- Kirk Armstrong, Health Professions
- Elizabeth Arnold, Mathematics & Statistics
- Ángel Garcia, Geology & Environmental Science
- Kendra Letchworth Weaver, Physics & Astronomy (awarded in FY20)
- Linda Plitt-Donaldson, Institute for Innovation in Health & Human Services (awarded in FY20)
- Zareen Rahman, Middle, Secondary, & Mathematics Education

In recognition of faculty who were also nominated for the Research and Scholarship Outstanding Faculty Award:

- Robin Crowder, Learning, Technology, & Leadership Education
- Rubén Graciani, School of Theatre and Dance
- Melissa Lubin, Professional & Continuing Education
- Michael Saunders, Kinesiology
- Yasmeen Shorish, Libraries & Educational Technologies
- Liz Thompson, Libraries & Educational Technologies
- Sarah Snyder, Educational Foundations & Exceptionalities

Musical Performance

Center for Inclusive Music Engagement

The Center for Inclusive Music Engagement (CIME) is a collaborative space for practitioners, researchers, and community members to facilitate innovative opportunities for all persons—particularly those often marginalized in institutional music education contexts—to create, perform, respond, and connect with, in, through, and around music in ways they find meaningful. CIME, championed by Dean George Sparks and Provost Heather Coltman, was established in December 2018 and is housed within the College of Visual and Performing Arts (CVPA). CIME is strategically aligned with CVPA's "Arts for the Real World" initiative, Provost Coltman's call for innovation ("disrupting norms and assumptions by embracing an experimental and collaborative mindset in an ever-evolving ecosystem") on our campus, and the university's strategic plan.

A special thank you to the 2019 Madison Scholars for displaying their scholarly artifacts:

- Dennis Blanton, Sociology and Anthropology
- Anca Constantin, Physics & Astronomy
- Krisztina Jakobsen, Psychology
- Ashley Jaffee, Middle, Secondary, & Math Education
- Laura Leduc, Management
- Stephen Marrin, School of Integrated Sciences
- David Stringham, School of Music

A special thank you to the volunteers who helped select the Research and Scholarship Outstanding Faculty Award recipients by serving on our interdisciplinary Selection Committee:

- Emily Akerson, Institute for Innovation in Health and Human Services
- Chris Berndsen, Chemistry & Biochemistry
- Regan Byrne, Forbes Center for the Performing Arts
- Sarah Lupo, Early, Elementary, & Reading Education
- Nick Swayne, 4-VA

Thank you to the Office of Research Development and Promotion and the Office of Sponsored Programs for planning this year's event.

Joanne Gabbin

Jenkins
JMU
Cindy Noftsinger
READY MIXED JOINT COMPOUND

Nicole Neitzey
Center for International Stabilization & Recovery
Becky Rohlf
Office of Research & Scholarship

NET WT. 62 LBS

KALA

Krisztina Jakobsen
Psychology

JMU
JAMES MADISON
Anthony Tongen

Linda Thomas
School of Integrated Sciences

Bob Kolvoord
College of Integrated Science & Engineering

Sharon Simmons
Computer Science

Katie Dredger
JMU

Katie Dredger
JMU

2019 JMU Madison Scholars