



NORTHWEST

**A Celebration of Faculty Research
and Creative Activity 2019-20**

Introduction

Fully Engaged Researchers



I am pleased to welcome you to this publication which recognizes, and celebrates, the excellent research and creative activity in which our faculty engage. This publication stems from the *2019 Celebration of Faculty Research*, held to commemorate the IU Bicentennial. We have long known that Indiana University Northwest's faculty are serious researchers, fully engaged in their disciplines, and excited to be able to share their passion with others—even outside the discipline. This publication is a first for us, as we begin to recognize among ourselves, not only in our specific disciplines, that we are fine scholars. We should be extremely proud. I certainly am. Enjoy learning about your colleagues and friends, and please share this information widely.

I am excited to publicly recognize our excellent faculty.

My very best,

Vicki Román-Lagunas, Ph.D.

Executive Vice Chancellor for Academic Affairs

The Teacher-Scholars Model



It is always a great pleasure to acknowledge the scholarly and creative work of IU Northwest faculty members. A couple of things have always struck me about research, publication, and creative activity among faculty colleagues here. First, scholarly and creative commitment is pervasive among faculty colleagues and, each year, the results (articles, chapters, books, conference presentations, exhibits, and shows) are consistently impressive. But, with our daily obligation to provide a high-quality, meaningful academic experience for our diverse student population, the close alignment of faculty scholarship with instructional and practical work with our students continues to produce the finest example of the impact of Teacher-Scholars that I have encountered during my career.

Thank you, congratulations, and all the best for the future.

William J. Lowe

Chancellor Emeritus

Sharing Discoveries, Building Knowledge, Involving Students



As the newest chancellor of IU Northwest, I am heartily impressed with the level of scholarly activity that takes place on this dynamic and diverse campus. It seems that every faculty member I meet is developing, discovering, or demystifying a concept and contributing to the larger body of knowledge in his or her respective fields.

However, even more impressive is the way that this mindset of hands-on discovery is handed down to students daily. Undergraduates are regularly involved in the research and scholarly endeavors in which faculty regularly engage. This is an aspect not all institutions can claim and the one I admire most about the quality of work being conducted here. It is our students who truly take away the greatest benefit from our family of teacher-scholars.

This publication celebrates that culture of discovery that is deeply embedded in every interaction between students and our expert faculty. I encourage you to dive in and learn more about what makes IU Northwest such a special place.

Warmest regards,

Ken Iwama

Chancellor

Celebration of Faculty Research



Fifteen IU Northwest faculty members were chosen by their peers to present their research and scholarly activities at the inaugural Celebration of Faculty Research in September of 2019. Pictured from left to right are: William Allegranza, Ian Taschner, Spencer Cortwright, Subir Bandyopadhyay, Nicholas Casas, Hannah Lee, Vernon Smith, Anita Benna, Cara Lewis, Jenny Fisher, Monica Solinas-Saunders, Yilka Azemi, Ming Gao, and Mark Baer. Not pictured: Stephen McShane.

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IU Northwest Teacher-Scholars Contribute Far Beyond the Classroom



CYNTHIA O'DELL
Associate Executive Vice
Chancellor for Academic Affairs

The inaugural *Celebration of Faculty Research* took place in September of 2019 in the Arts & Sciences Building at IU Northwest as part of the IU Bicentennial Celebration. Faculty members shared their ongoing research and creative activity in eight-minute TEDx-style talks to an audience of faculty, staff, students, and the community. A follow-up to that well-received event is this publication, another way to publicly recognize the successful scholarly endeavors of the IU Northwest faculty.

View the
presentations at:
go.iu.edu/2Si5

Whether it is publishing books and articles, exhibiting at renowned galleries, giving conference talks, writing grants, and/or serving on advisory and editorial boards, our faculty is regularly and robustly contributing to the intellectual enterprise. In a typical year, the IU Northwest faculty collectively publish more than 10 books and 150 journal articles. They present over 300 papers at scholarly conferences and share their creative works in more than 50 art exhibitions, theatrical productions, and poetry readings. Each of the 84 faculty members with research expectations produce more than four distinct scholarly items per year. This level of scholarship is truly remarkable.

In addition, they received \$900,000 in external funding to support their scholarship and creative activity in 2019. They mentored undergraduate research and taught courses with significant community service components, resulting in over 100,000 hours of service in 2019 alone.

The faculty of IU Northwest can be correctly characterized as Teacher-Scholars. They are committed to providing a high-quality educational experience to all students. They strive to help students reach their educational goals and transform their lives. In addition, they are dedicated scholars. They conduct and publish research and engage in community service. Often, the two missions merge. They involve students in ongoing research. They sponsor, supervise, and inspire independent student research.

Our students also present their work at local and regional student research venues and, occasionally, at national conferences. Each year, nearly 100 of our students present at these venues. Conducting, disseminating, and inspiring research is a central feature and characteristic of our academic culture.

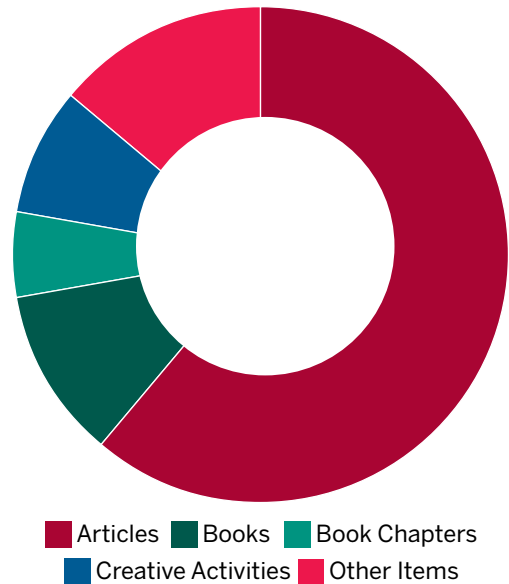
These are truly outstanding efforts and a testament to the commitment our faculty repeatedly demonstrate to our students, our campus, and their disciplines.

Faculty Scholarship and Creative Activity Profile (2019)

Scholarship Published



Scholarship Accepted (in press)



SERVICE AND ENGAGEMENT

1,800 total items reported

Advisory Boards/Board of Directors	58
Editorial Boards	32
Editors	17
Referees/Reviewers: Articles, Books	160
Chairs/Co-chairs: Programs, Committees, etc.	130
Organizers: Forums, Symposia, Public Events	52
Roles: Diversity Events/Committees	169
Roles: Civic Engagement	195
Media Appearances and Interviews	99

COMMUNITY SERVICE SUMMARY AND STUDENT ENGAGEMENT

Students Engaged	1,550
Faculty Engaged	50
Courses with Community Service	60
Hours Contributed	100,000+

The Role of Research at Indiana University Northwest

Mark Sudlow Hoyert and Christopher J. Young

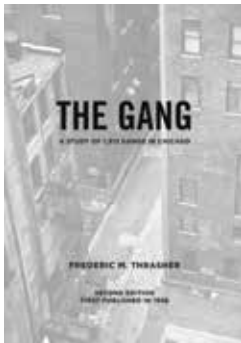
The faculty of Indiana University Northwest are known throughout the Indiana University system for their impressive quantity and quality of research. One could ponder how, when, and why this research culture developed at IU Northwest. One of the possible influences is our proximity to Chicago and specifically to the University of Chicago. The earliest origins of our university are the IU Extensions in East Chicago and Gary. These operations provided a handful of classes taught by a few adjunct instructors. University of Chicago faculty and graduate students often rode the train across the border to teach.



Bala Arshanapalli, professor and Gallagher-Mills Chair in the School of Business and Economics, is published widely in financial economics.

1920s

Frederic Thrasher was a pioneering sociologist who helped develop the Chicago School of Sociology and published research on criminal gangs that is still cited.



1930s

Historian Powell Moore spent most of his career at Indiana University but published the definitive history of the Calumet Region while working at IU Northwest.

1940s

Physicist Alvin Weinberg (below) worked on the Manhattan Project, served as the Director of Research at the Oak Ridge National Laboratories, and conducted research on global warming during the 1970s.



They brought with them a vision of the university as a place where knowledge was created and discovered through research and then disseminated to the world.

The strongest influence of the University of Chicago can be seen with Gary College. This two-year school was established by the superintendent of the Gary schools, William A. Wirt. The significant number of faculty that Wirt pulled in from the University of Chicago viewed their work as an expression of idealism, bringing higher education to the blue-collar residents in the shadows of the steel mills and transforming their lives.



The work of sculptor and Professor Emeritus of Fine Arts Neil Goodman has been exhibited widely across Chicagoland and is inspired largely by the Midwestern industrial landscape where he was raised. Like most IU Northwest faculty members, Goodman's creative endeavors filtered into his instruction with students.

1950s

1960s

Psychologist **Lloyd Peterson** was one of the first two people to measure and map the properties of short-term memory. This was research first conducted here. His original article has been cited nearly 4,000 times.

Historian **Staughton Lynd's** (right) parents were the authors of the groundbreaking sociology work, *Middletown*. He used his time at IU Northwest to transition from a brilliant leftist historian to a legendary labor activist and labor lawyer.

English Professor **Lester Wolfson** became the founding chancellor of IU South Bend, a position he held for 18 years.



Gary College continued the tradition of hiring high-quality faculty who developed influential research careers. Gary College merged with the IU Extension in Gary and retained the faculty who valued research. The university continued to hire faculty in both full-time and part-time positions. When the candidates weren't from the University of Chicago, they had earned doctoral degrees from other high-powered, research-intensive universities, such as Indiana University, Purdue University, Northwestern University, the University of Michigan, or one of the University of California campuses.

These faculty also believed in the value of research and were committed to conducting research to the fullest extent possible. The IU Extension in Gary gained the reputation for these activities. For instance, the Dean of Faculties for the IU system characterized the Gary faculty as the most committed to combining research and teaching with community service.*



1970s



English Professor **Mary Veeder** (above) began as a medieval scholar and finished with hundreds of publications and reviews of children's literature.

FC Richardson (above, right) headed a task force to develop a Black Studies degree program. Established in 1971, it is one of the nation's oldest such programs.



1980s



Sociologist **Jack Bloom's** (above, left) book on the civil rights movement was widely used as the definitive text in college classrooms and has been cited hundreds of times.

Public Administration Professor **Philip Rutledge** (above, right) examined questions in manpower, human resources, and urban affairs. After IU Northwest, he held a variety of national positions in the federal government and the American Society of Public Administration.

Eventually, the IU Extension in Gary added more classes and more faculty and grew into IU Northwest. When the campus became a degree-granting institution, the value of research was codified into formal processes and documents. The faculty and the first Chancellor believed that research was one of the “main justifications for the existence of a university.”* The faculty advocated for and endorsed a research expectation for all tenure-track faculty and a three-hour teaching load reduction to enable that research. Thus, the identity of our faculty as engaged researchers who believe in the value of extending the research experience to our students as a pedagogical goal has been a characteristic of our faculty and campus culture from the beginning.

*Lane, J.B. & Kern, Paul, (Eds.) (2004). *Steel Shavings: Educating the Calumet Region*. Valparaiso, IN: Home Mountain Publishers.



1990s



2000s

Sociologist **Stephanie Shanks-Meile** (above) was honored with the 1997 American Sociological Association’s Book of the Year Award for *The White Separatist Movement in the United States*.

Business Administration Professor **Gopal Pati** (right) studied affirmative action, Occupational Safety and Health Association (OSHA), and disabilities in the workplace. His work inspired the development of the Americans with Disabilities Act.

Artist **David Klamen’s** (above) work is included in the permanent collections of virtually every major museum of modern art, including the *Metropolitan Museum of Art*.

Finance Professor **Bala Arshanapalli** has published widely in financial econometrics. His most influential article has been cited nearly 900 times.

Sculptor **Neil Goodman’s** work has been exhibited widely, including the entry to the Block Museum of Art on the Northwestern University campus.



WILLIAM ALLEGREZZA

Areas of Interest

Poetry
Contemporary American Literature
Comparative Literature

Teaching

A recipient of three Board of Trustees' Teaching Awards, Professor Allegrezza regularly teaches the following courses:

Creative Writing (ENG-W 203)
Professional Writing Skills (ENG-W 231)
Writing Poetry (ENG-W 203)
American Literature (ENG-L 351)
Reading, Writing and Inquiry (ENG-W 131)

Recent Publications

Allegrezza, W. (2019). *Stone & Type, Cedar*. New Orleans, LA: Lavender Ink.
Allegrezza, W. (2018). *Epics of the Americas: Whitman's Leaves of Grass and Neruda's Canto General* (Vol. 144). València Universitat de València.
Allegrezza, W. (2016). *Step below: Selected poems, 2000-2015*. St. Helena: Meritage Press.

“

I'm interested in poetry and language roots. I'm intrigued by how words work together and where they come from and how the words sound together. I consider myself an experimental poet, which means that I write poems that explore the edges of meaning.



WILLIAM ALLEGREZZA
Professor of English

Ph.D., Comparative Literature,
Louisiana State University

M.A., English,
Louisiana State University

B.A., English and Foreign
Languages, University of Dallas

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William Allegrezza named a Bicentennial Professor



Twenty-five faculty members representing various disciplines across all of IU's campuses were selected as Bicentennial Professors. Among them is IU Northwest's William Allegrezza, Professor of English.

Allegrezza's teaching interests lie in 19th-, 20th-, and 21st-century American Literature, World Literature, and Creative Writing. He has authored 16 books on poetry as well as short stories, articles, and book reviews on topics ranging from Walt Whitman to Eco-poetry.

"I am honored to be chosen," he said. "I really do feel that IU should be connecting directly with the citizens of Indiana and am excited to assist IU in its continued commitment to public outreach and community engagement."

Each of the 25 bicentennial professors was tasked with giving five public presentations throughout 2020, with the goal of sparking timely discussions in Indiana communities, highlighting the fascinating research that takes place at IU, strengthening IU's connections, and forging new ones in its role as a public university.

Through his contributions, Allegrezza hopes to highlight the creative activities happening in Indiana and spark an interest in literary pursuits.

"Professor Allegrezza will do a great job of engaging Indiana's citizens," said Brian O'Camb, chair of the English Department. "When I first came to IU Northwest in 2010, Bill ran a public poetry-reading series in Chicago's Hyde Park neighborhood, and he still requires his students to post poems around campus every semester. It's exciting to see IU acknowledging his longstanding commitment to bringing the humanities to the public."

Allegrezza joined IU Northwest in 2000, teaching courses in various genres of literature, poetry, and composition. Allegrezza has served on several committees throughout his tenure at IU Northwest, has been the Chair of the English Department and has served as the Director of the Writing Center.

Bicentennial professors were nominated in the spring of 2018, reviewed and recommended by executive leaders, and approved by IU President Michael A. McRobbie and the Board of Trustees. Collectively, they represent the disciplines of humanities, medicine, business, public and environmental affairs, education, sciences, health sciences, and public policy.

YLLKA AZEMI

Areas of Interest

Consumer Behavior
Failure-recovery Strategy
Digital Marketing Analytics
Marketing Strategy

Teaching

A recipient of a 2019 Board of Trustees' Teaching Award, Professor Azemi regularly teaches the following courses:

Introduction to Marketing Management (BUS-M 301)
Marketing Strategy (BUS-M 450)
Retail Strategy (BUS-M 419)
Marketing Management (BUNW-B 511)

Recent Publications

Azemi, Y., Ozuem, W. & Hobson, A. (2020). Rationalizing social media opportunities and customer relationships in the luxury fashion industry. *Interdisciplinary Journal of Economics and Business Law*, 9, 8-29.

Azemi, Y., Ozuem, W. & Howell, K. E. (2020). The effects of online negative word-of-mouth on dissatisfied customers: A frustration–aggression perspective. *Psychology & Marketing*, 37(4), 564–577.

Azemi, Y., Ozuem, W., Howell, K. E. & Lancaster, G. (2019). An exploration into the practice of online service failure and recovery strategies in the Balkans. *Journal of Business Research*, 94, 420-431.



YLLKA AZEMI

Assistant Professor of Marketing

Ph.D., Marketing,
Cardiff Metropolitan University

MSc., Marketing,
University of Wales

BSc., Business Management
and Public Policy, Rochester
Institute of Technology

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I aim for research contributions that support mutual customer and company satisfaction. My work in online consumer behavior, failure-recovery strategy, digital marketing analytics, and marketing strategy is focused on helping companies and their clients work better together.

MARK BAER

Areas of Interest

Acting
Directing
Script Analysis
Shakespeare

Teaching

A recipient of a 2016 Board of Trustees' Teaching Award, Professor Baer regularly teaches the following courses:

Introduction to Acting (THTR-T 120)
Script Analysis (THTR-T 101)
Acting II: Styles (THTR-T 220)
Directing I (THTR-T 340)
Acting III: Shakespeare (THTR-T 320)
First-Year Seminar in Storytelling (THTR-F 116)

Recent Productions

Well by Lisa Kron, Theatre Northwest, Indiana University Northwest, (November 2018).

Hamlet by William Shakespeare, Gary Shakespeare Company, (July 2018).

Peter Pan and Wendy adapted by Doug Rand from the novel by J.M. Barrie, Theatre Northwest, Indiana University Northwest, (April 2018).



MARK BAER

Associate Professor of Theatre

MFA, Theatre Directing,
Illinois State University

B.A. in Theatre and International
Business,
The University of Findlay

President, Board of Directors,
Gary Shakespeare Company

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“

I am a lifelong actor, director, and producer of live theatre. I am passionate about building community through storytelling and am fascinated by how meaning is created and shared among audience members through dramatic structure, language, images, and action. My work as a director centralizes radical trust and collective accountability among the members of the creative team, building performances that feel rich, intimate, and truthful.

SUBIR BANDYOPADHYAY



SUBIR BANDYOPADHYAY
Professor of Marketing

Ph.D., Marketing,
University of Cincinnati

M.S., Business Administration,
Indian Institute of Management

M.S., Marketing and Sales
Management,
Bharatiya Vidya Bhavan

B.S., Mechanical Engineering,
Jadavpur University

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Areas of Interest

International Business
Brand Management
Strategic Marketing
Retailing Management
Digital and Social Media Marketing

Teaching

A recipient of four Board of Trustees' Teaching Awards, Professor Bandyopadhyay regularly teaches the following courses:

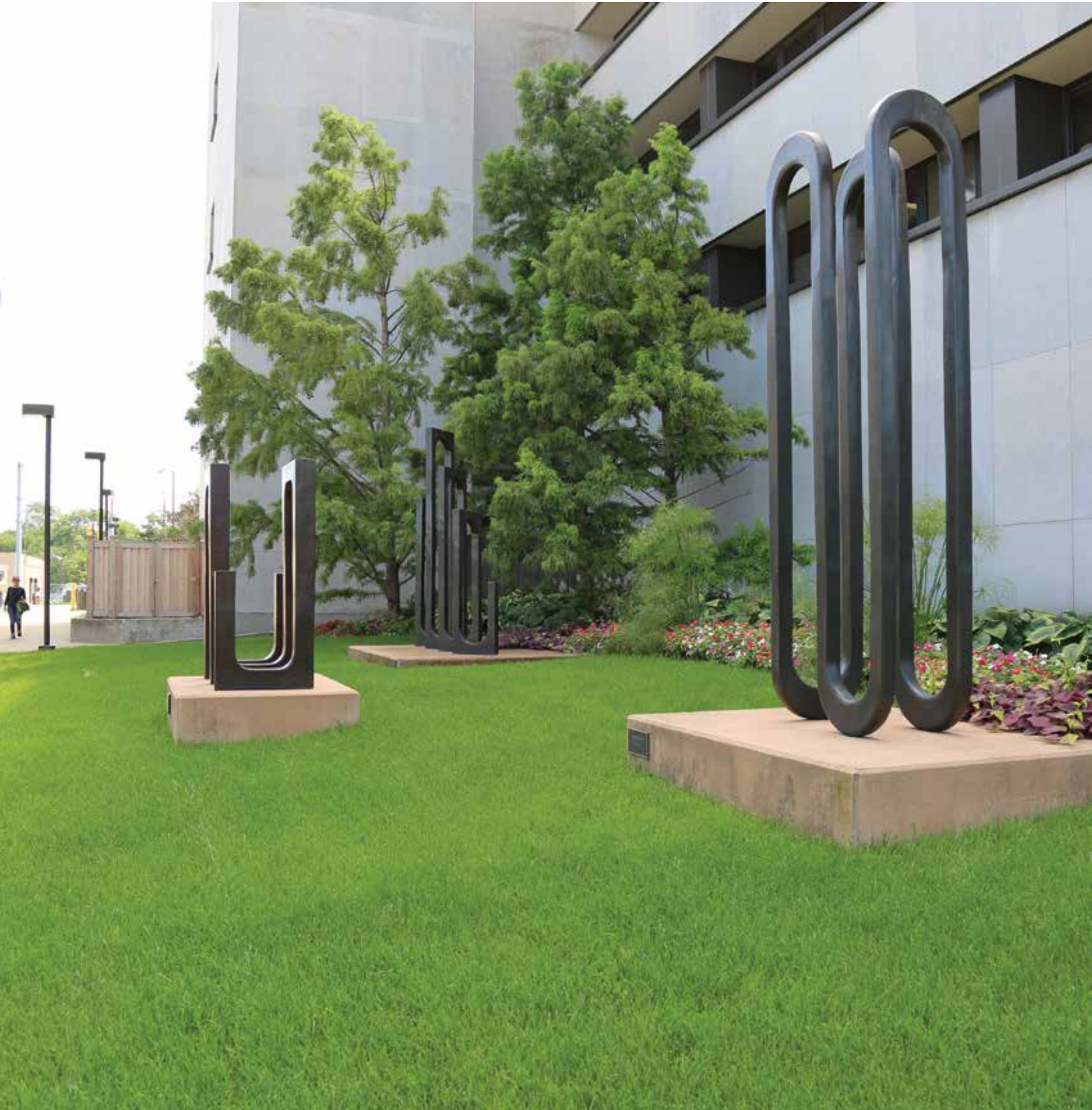
Marketing Strategy (BUS-M 450)
Digital and Social Media Marketing (BUS-M 210)
International Business (BUS-D 301)

Recent Publications

Leelakulthanit, O. & Bandyopadhyay, S. (n.d.), Determinants of brand loyalty in inflationary times. *Journal of International Finance and Economics*.
Rishi, B., & Bandyopadhyay, S. (Eds.). (2017). *Contemporary issues in social media marketing*. NY, NY: Routledge.
Bandyopadhyay, S. (Ed.). (2008). *Contemporary research in e-branding*. Hershey, PA: IGI Global.

“

I love teaching because it enables me to make a difference in my students' lives. I literally know every undergraduate student of mine by name. So many are first-generation students and have had challenges in their lives. I am there to help in any way I can.



ANITA BENNA



Areas of Interest

Urban Teacher Professional Development in Science, Technology, Engineering, and Math (STEM)

Teacher Beliefs and Practice Shifts

Engineering Education for K-12 Students

Epistemic Network Analysis: Visually Displaying Privately-held Thought

Teaching

Educational Psychology (EDUC-P 250)

Mathematics Methods for Elementary Education (EDUC-E 343)

Science Methods for Elementary Education (EDUC-E 328)

Introduction to Scientific Inquiry (EDUC-Q 200)

Recent Publications

Benna, A., Mustari, I., & Abd El-Khalick. (n.d.). Seeing into the minds of middle school students regarding conceptual understanding of engineers and engineering. *Journal of Research in Science Teaching*.

Martin, A., Park, S., & Hand, B. (2019). What happens when a teacher's belief structure is in disequilibrium? The entangled nature of beliefs and practice. *Research in Science Education*, 49(3), 885–920.

Martin, A., Abd El-Khalick, F., Mustari, E., & Price, R. (2018). Effectual reasoning and innovation among entrepreneurial science teacher leaders: A correlational study. *Research in Science Education*, 48(6), 1297–1319.

ANITA BENNA

Associate Professor of Science Education

Ph.D., Science Education,
University of Iowa

M.A., Educational Administration,
University of Iowa

B.A., Elementary Education/
Reading Minor, Indiana University

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Providing professional development for K-12 urban teachers in STEM fields increases the opportunities for students to enter STEM at colleges and universities. My research is centered on shifts in teachers’ beliefs and practices that increase student learning in STEM. Urban professional development focused on the promises—not the problems and failures—changes teachers’ and students’ lives.

NICHOLAS CASAS

Areas of Interest

Information Literacy

Misinformation

Social Media

Recent Publications

Casas, N.A., Lowe, K.T., Smith, A., & Johnson, P.M. (n.d.). Seniors seeking information: creating an information literacy workshop for the elderly to fight against fake news and misinformation. *LOEX Conference Proceedings*.

Lawton, P., Casas, N. A., Moyer, J., & Zarndt, F. (2016). Catholic, crowdfunded, and collaborative: A unique approach to newspaper digitization. *International Federation of Library Associations and Institutions*. Available online at <https://bit.ly/3jY469W>.

“

I am most interested in using and developing information literacy practices to identify misinformation in traditional media (newspapers, magazines, and cable news) and new media (social media videos, groups, and posts). I also study how misinformation starts in the niche corners of the Internet and how misinformation is used by foreign governments and American citizens for monetary gain and advancing political agendas. My population focus is on senior citizens because they are the most vulnerable to spread misinformation on social media, and they participate in government elections most often across the United States.



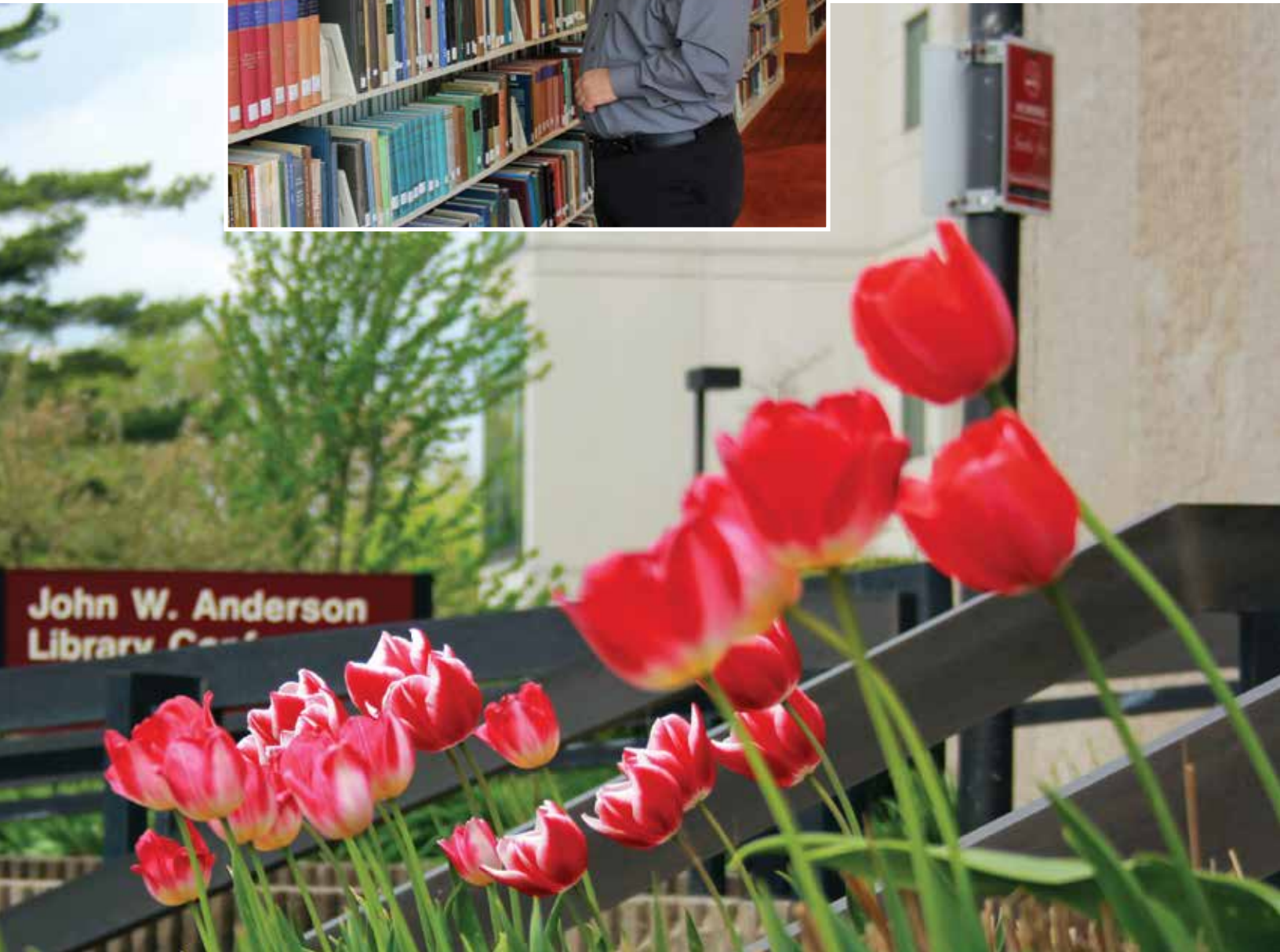
NICHOLAS CASAS

Assistant Librarian for Teaching and Learning

M.L.I.S., Dominican University

B.M., Music Education,
Saint Xavier University

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SPENCER CORTWRIGHT

Areas of Interest

Restoration Ecology

Amphibian Ecology

Small Mammal Ecology in Prairie Restorations

Teaching

Introduction to Biological Sciences (BIOL-L 101 and BIOL-L 102)

Ecology Biology (BIOL-L 473)

Regional Ecology (BIOL-L 476)

Restoration Ecology (BIOL-L 482)

Vertebrate Zoology (BIOL-Z 406)

Recent Publications

Brodman, R., Parrish, M., Kraus, H., & Cortwright, S. (2006). Amphibian biodiversity recovery in a large-scale ecosystem restoration.

Herpetological Conservation and Biology, 1, 101-108.

Mierzwa, K., Cortwright, S.A., & Beamer, D.A. (2002). Amphibians and reptiles of the Grand Calumet River basin. *Proceedings of the Indiana Academy of Science*, 108, 105-121.

Brodman, R., Cortwright, S.A., & Resetar, A. (2002). Historical changes of reptiles and amphibians of Northwest Indiana fish and wildlife properties. *American Midland Naturalist*, 147, 135-144.



SPENCER CORTWRIGHT

Associate Professor of Biology

Postdoctoral Researcher
and Teacher,
University of Michigan

Ph.D., Ecology and Evolutionary
Biology,
Indiana University

B.A., Biology (ecology emphasis),
Washington University

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Northwest Indiana, as well as Northeast Illinois and Southwest Michigan, is the greatest ecological area in the U.S. for native plant species diversity. Because this area is also home to 9.5 million residents, preservation and restoration of our natural areas is of paramount importance. My students assist me in the important work of preserving our natural areas, including our own nationally recognized campus preserve, Little Calumet River Prairie and Wetlands Nature Preserve.

Over the course of my career, I have worked on several projects focusing on population, metapopulation, and community ecology of pond-breeding amphibians such as salamanders, newts, frogs, and toads. Together with my students, I also research small mammal populations in prairie restorations under various management plans.

JENNY FISHER

Areas of Interest

Urban Water Quality
Antibiotic Resistance
Microbial Source Tracking
Microbiomes

Teaching

A recipient of a 2019 Board of Trustees' Teaching Award, Professor Fisher regularly teaches the following courses:

Microorganisms in Nature and Disease (BIOL-M 200)
Microbiology (BIOL-M 310)
Medical Microbiology (BIOL-M 440)
Environmental Microbiology (BIOL-M 420)
Biology Senior Seminar (BIOL-L 403)
Introduction to Microbiological Research (BIOL-L 290)
Individual Research (Microbiology) (BIOL-L 490)
MLS Science Seminar (LIBS-D 503)

Recent Publications

Levican A., Fisher J.C., McLellan, S.M., & Avendaño-Herrera R. (2020).
Microbial communities associated with farmed *Genypterus chilensis*:
Detection in water prior to bacterial outbreaks using culturing and high-
throughput sequencing. *Animals*, 10(6), 1-17.

Green H.C., Fisher J.C., McLellan, S.L., Sogin M.L., & Shanks O.C. (2016).
Identification of specialists and an abundance-occupancy relationship
among intestinal bacteria of *Aves*, *Mammalia*, and *Actinopterygii*. *Applied
and Environmental Microbiology* 82(5), 1496-1503.

McLellan S.L., Fisher J.C., & Newton R.J. (2015). The microbiome of urban
waters. *International Microbiology* 18(3), 141-149.



JENNY FISHER

Assistant Professor of Biology

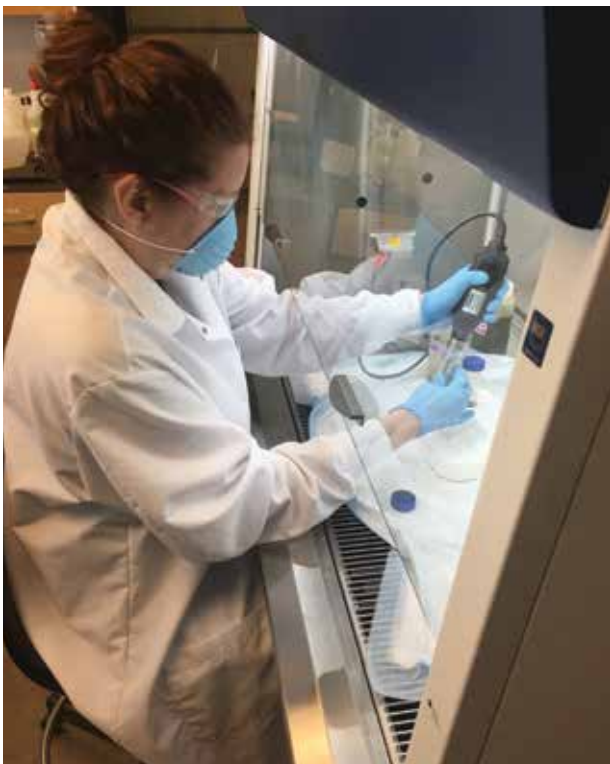
Ph.D., Marine Science,
University of Georgia

B.S.E., Civil and Environmental
Engineering,
Duke University

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My research identifies potential human health risks at the nexus of urban infrastructure and aquatic resources. Themes in my work include the composition and dynamics of bacterial communities in stormwater, sanitary sewers, septic systems, and natural waters; impacts of urbanization on aquatic resources; health risks associated with human and animal fecal contamination of recreational sand and water; and dissemination of antibiotic resistance among commensal bacteria and pathogens. My lab is currently developing an early warning system for emerging antibiotic resistance through monitoring of municipal sewage. The goals of my research program are to address issues relevant to Northwest Indiana, establish local partnerships and collaborations to further integrate IU Northwest into the Northwest Indiana community, and provide research opportunities and mentoring to traditionally underrepresented students in STEM.



MING GAO

Areas of Interest

Developmental Biology

Molecular Biology

Drosophila Genetics

Teaching

A recipient of a 2018 Board of Trustees' Teaching Award, Professor Gao regularly teaches the following courses:

Introduction to Biological Sciences (BIOL-L 101/BIOL-L 102)

Genetics (BIOL-L 311)

Human Genetics (BIOL-L 331)

Introduction to Biological Research (BIOL-L 290)

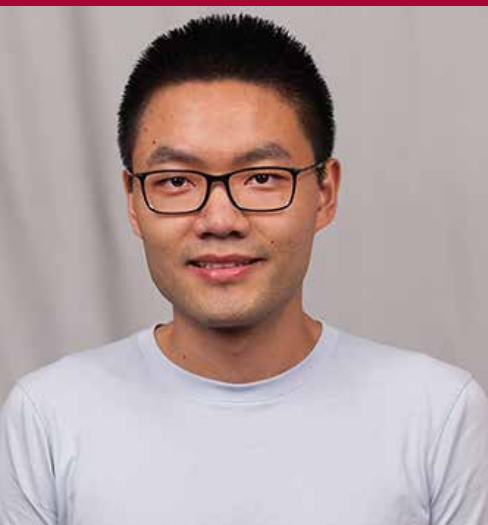
Individual Study (Genetics Research) (BIOL-L 490)

Recent Publications

McCambridge, A., Solanki, D., Olchawa, N., Govani, N., Trinidad, J. C., & Gao, M. (2020). Comparative proteomics reveal Me31B's interactome dynamics, expression regulation, and assembly mechanism into germ granules during *Drosophila* germline development. *Scientific Reports*, *10*(1), 1-13.

Vo, H. D., Tindell, S. J., Zheng, J., Gao, M., & Arkov, A. L. (2019). Protein components of ribonucleoprotein granules from *Drosophila* germ cells oligomerize and show distinct spatial organization during germline development. *Scientific Reports*, *9*(1), 1-12.

Huysken, K., Olivey, H., McElmurry, K., Gao, M., & Avis, P. (2019). Assessing collaborative, project-based learning models in introductory science courses. *Journal of the Scholarship of Teaching and Learning*, *19*(1), 6-28.



MING GAO

Associate Professor of Biology

Postdoctoral Researcher,
Developmental Genetics,
Murray State University

Ph.D., Microbiology,
Southern Illinois University
Carbondale

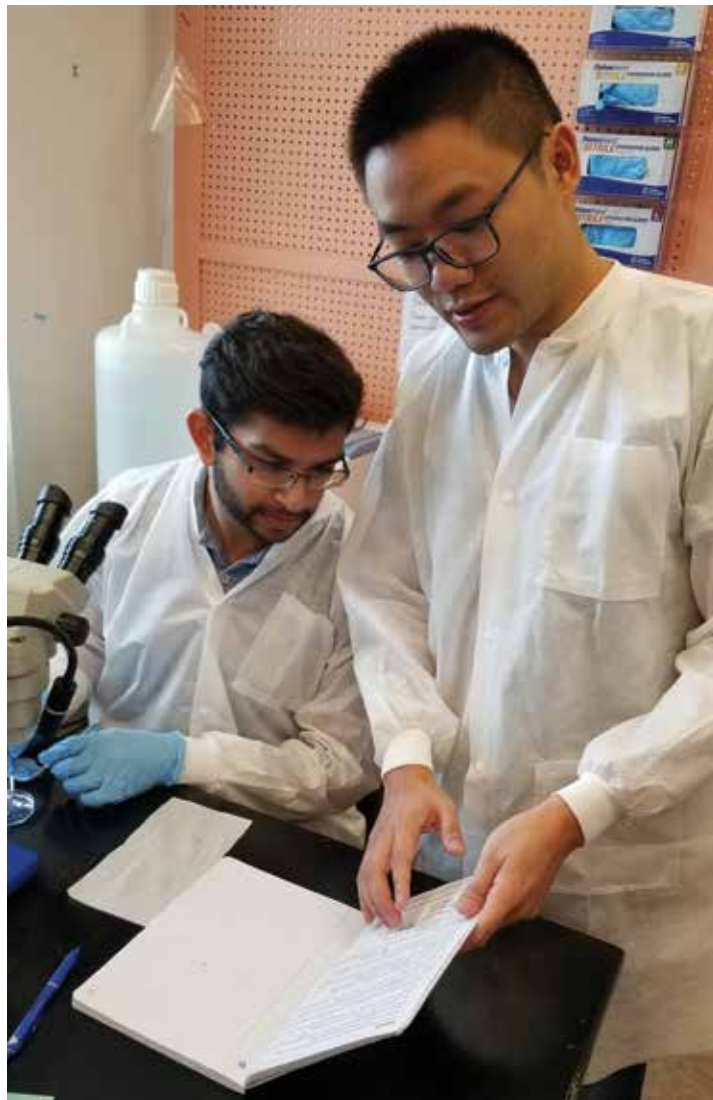
B.S., Biological Sciences,
Wuhan University

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“

*My research focuses on germ cells. This unique line of cells gives rise to eggs and sperm, and ultimately to a new organism. Using *Drosophila melanogaster* (fruit fly) as the model organism, I am trying to find the molecular explanation for how germ cells are specified during female egg development.*

I run an active research laboratory comprised entirely of undergraduate students. By engaging the students in research and co-authoring research articles with them, I aim to enhance the students' experiences.



HANNAH LEE

Areas of Interest

Mental Health In Cultural Perspectives

Diversity Education

Optimism/Unrealistic Optimism and Academic Performance

Cross-Cultural Research on Well-Being

Teaching

A recipient of two Board of Trustees' Teaching Awards, Professor Lee regularly teaches the following courses:

Introduction to Clinical Psychology (PSY-B 322)

Introductory Psychology (PSY-P 102)

Abnormal Psychology (PSY-P 324)

Cultural Psychology (PSY-P 339)

Positive Psychology (PSY-P 389)

Laboratory in Clinical Psychology (PSY-P 481)

Assessment (PSY-P 641)

Multicultural Counseling (PSY-I 501)

Advanced Skills in Counseling (PSY-P 562)

Recent Publications

Lee, J. H. (in press). Use of student poster presentations in cultural psychology for diversity education. *Journal on Excellence in College Teaching*, 31(2).

Krys, K., et.al. (in press). Societal emotional environments and cross-cultural differences in life satisfaction: A forty-nine country study. *Journal of Positive Psychology*.

Lee, J. H. (2019). Can predictors of trait social anxiety also predict state social anxiety? Integrating personality and cultural variables of social anxiety in Asian Americans. *Journal of Positive Psychology*, 10(1), 58–67.



HANNAH LEE

Associate Professor of Psychology, Licensed Psychologist

Postdoctoral Scholar, Counseling and Psychological Services, University of Nevada Las Vegas

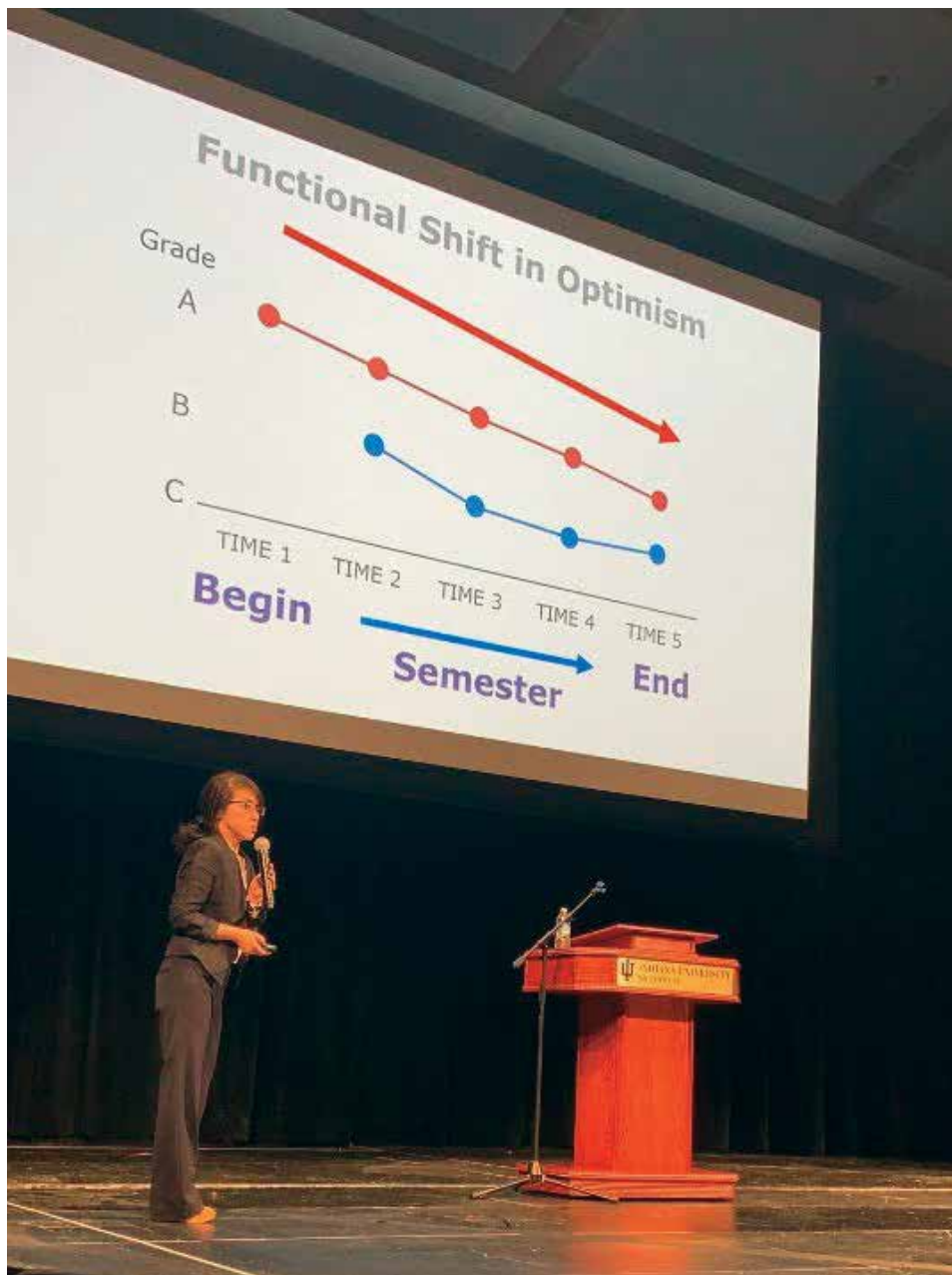
Ph.D., Counseling Psychology, Washington State University

B.A., Psychology, Waseda University

219-980-6681
lee907@iun.edu

“

My research focuses on personality traits and socio-cultural factors in psychological phenomena. Currently, I have four lines of research: diversity education, social anxiety, optimism/unrealistic optimism, and happiness in cross-cultural perspectives. My ultimate goal is to find cultural and contextual factors that may better explain the human mind.



CARA LEWIS

Areas of Interest

British, Anglophone, and American Literature and Culture
from the Nineteenth Century to the Present

Modernisms and Modernities

Literature and the Visual Arts

Narrative Theory and Novel Studies

Gender and Sexuality Studies

Teaching

A recipient of the Founder's Day Teaching Award and two Board of Trustees' Teaching Awards, Professor Lewis regularly teaches the following courses:

Introduction to Poetry (ENG-L 205)

English Literature Since 1700 (ENG-L 212)

20th-Century British Poetry (ENG-L 345)

20th-Century British Fiction (ENG-L 346)

19th-Century British Fiction (ENG-L 348)

Women and Literature (ENG-L 207/WGS-W 302)

Representations of Gender and Sexuality in Literature: Queer Studies
(ENG-L 249/WGS-W 302)

Women in American Culture (WGS-W 201)

Recent Publications

Lewis, C. L. (2020). *Dynamic form: How intermediality made Modernism*.
Cornell University Press.

Lewis, C. L. (2019). *Beholding: Visuality and postcritical reading in Ali Smith's*
"How to be both". *Journal of Modern Literature*, 42(3), 129–150.

Lewis, C. L. (2014). Still life in motion: Mortal form in Woolf's "To the
Lighthouse." *Twentieth-Century Literature*, 60(4), 423–454.



CARA LEWIS

Associate Professor of English
Adjunct Associate Professor of
Women's and Gender Studies

Ph.D., English Language and
Literature, University of Virginia

A.B., History and Literature,
Harvard University

219-980-6715
lewiscar@iun.edu



“

My main interests are in aesthetics and points of connection between the visual arts and literature—especially novels and 20th- and 21st-century literature. I’m also strongly interested in gender and sexuality studies, and I love teaching students modes of interdisciplinary inquiry.



STEPHEN McSHANE

Areas of Interest

Industrial History
Labor History
Political History
Transportation History

Teaching

Survey of Indiana History (HIST-A 363)

Recent Publications

- McShane, S. G., & Wilk, G. S. (2009). *Steel Giants: Historic images from the Calumet Regional Archives*. Indiana University Press.
- McShane, S. G., & Cohen, R. D. (Eds.). (1998). *Moonlight in Duneland: The illustrated story of the Chicago South Shore and South Bend Railroad*. Indiana University Press.
- McShane, S. G. (1995). Not confused by the 'facts': The enigmatic career of Congressman Earl F. Landgrebe. *Indiana Academy of the Social Sciences Proceedings*, 104. 137-147.



STEPHEN McSHANE
Librarian, Archivist/Curator

M.L.I.S., Indiana University

M. A., U.S. History,
Northern Illinois University

B. S., U.S. History,
Northern Illinois University

219-980-6628
smcshane@iun.edu

“

My research focuses on the history of Northwest Indiana. As the director of the Calumet Regional Archives, I have collected, preserved, and made available primary historical research materials documenting Northwest Indiana’s past for use by present and future generations, including students, faculty, staff, the historical community, and the general public.



VERNON SMITH

Areas of Interest

Politics
Community Service
Servant Leadership

Teaching

A recipient of the Founder's Day Teaching Award and a Board of Trustees' Teaching Award, Professor Smith regularly teaches the following courses:

School Community Relations (EDUC-A 510)
Introduction to Educational Leadership (EDUC-A 500)
Elementary and Secondary Administration (EDUC-A 540)
Seminar in Educational Leadership (EDUC-A 670)

Recent Publications

Smith, V. G. (2020). *A light unto my path: God ordering my steps*. Kindle Book Publishing.
Smith, V. G. (2018). *Creating excellence: Becoming an A+ school*. New York: Rowman & Littlefield.
Smith, V.G. & Szymanski, A. (2013). Critical thinking: More than test scores. *International Journal of Educational Leadership Preparation*, 8(2), 15-24.

“

I have focused my research on educational leadership, math instruction, science instruction, and parental and community engagement. I am also interested in the plight of the African American male and teaching African American students. I believe that there is no teaching, if there is no learning.



VERNON SMITH

Professor of Education

Ed.D., Elementary School
Administration
Indiana University

M.S., Elementary School
Administration
Indiana University

B.S., Elementary Education
Indiana University

219-980-7120
vesmith@iun.edu



MONICA SOLINAS-SAUNDERS

Areas of Interest

Corrections
Re-entry
Interpersonal Violence

Teaching

A recipient of two Board of Trustees' Teaching Awards, Professor Solinas-Saunders regularly teaches the following courses:

Principles of Epidemiology (SPEA-H 322)
Corrections (SPEA-J 331)
Criminal Justice and Public Safety (SPEA-J 500)
Statistical Techniques (SPEA-K 300)

Recent Publications

Stacer, M.J., Moll, L. & Solinas-Saunders, M. (2020) The impact of correctional facility tours on student perceptions and realizations of the correctional environment: A research note. *Journal of Criminal Justice Education*, 31 (3): 400-420.

Solinas-Saunders, M. (2018) *Notes on the Institution of Punishment & Corrections*, Dubuque, IA: Kendall Hunt Publishing Co.

Solinas-Saunders, M., & Stacer, M. (2015). A Retrospective Analysis of Repeated Incarceration using a National Sample: What Makes Female Inmates Different from Male Inmates? *Victims & Offenders*, 12(1), 138-173.



MONICA SOLINAS-SAUNDERS

Associate Professor in the
School of Public & Environmental
Affairs

Ph.D., Sociology,
University of Pittsburgh

M.A., Sociology,
University of Pittsburgh

Post-graduate Diploma,
Economics,
University of Essex

Laurea (Bachelor of Science) in
Economics
University of Cagliari

219-980-6661
msolinas@iun.edu

“

I focus on issues associated with incarceration and re-entry. I find ways to explore these issues in association with race, class, and gender to identify differences and similarities across different groups of justice-involved individuals. I am also interested in interpersonal violence and the consequences of abuse among youth and young adults.



IAN TASCHNER

Areas of Interest

Synthetic Chemistry

Analytical Chemistry

Teaching

A recipient of a 2017 Board of Trustees' Teaching Award, Professor Taschner regularly teaches the following courses:

Experimental Chemistry I (CHEM-C 125)

Organic Chemistry I Lecture (CHEM-C 341) and II Lecture (CHEM-C 342)

Organic Chemistry I Lab (CHEM-C 343) and II Lab (CHEM-C 344)

The Chemistry of Life (CHEM-C 110)

General Chemistry I (CHEM-C 105)

Analytical Chemistry (CHEM-C 310)

Instrumental Analysis (CHEM-C 410)

Recent Publications

Taschner, I.S., Walker, T.L., Chandra M.C, Schrage, B.R., Ziegler, C.J., Gao, X., & Wheeler, S.E. (2020). Topomeric aza/thia cryptands: synthesis and theoretical aspects of in/out isomerism using n-alkyl bridging. *Organic Chemistry Frontiers*, Advanced Article.

Taschner, I.S., Aubuchon, E., Schrage, B.R., & Ziegler, C.J. (2020). Art van der Est. synthesis and structural studies of copper (II) complex with N2S2 based n-substituted pendant phosphonic acid arms. *Dalton Transactions*, 49, 3545-3552.

Taschner, I.S., Walker, T.L., DeHaan, H.S., Schrage, B.R., Ziegler, C.J., & Taschner, M.J. (2019). Synthesis, characterization, and copper (II) chelates of 1,11-dithia- 4,8- diazacyclotetradecane. *Journal of Organic Chemistry*, 84(17), 11091-11102.



IAN TASCHNER

Assistant Professor of Chemistry

Postdoctoral Researcher,
Chemistry
Brock University

Ph.D., Synthetic Chemistry,
University of New Hampshire

B.S., Chemistry,
University of Akron

219-980-6744
itaschne@iun.edu

“

The work I do with aza-thia macrocycles presents a vast amount of opportunity for my research students who get a solid foundation of synthetic chemistry while working in my lab.

*I involve my analytical/botany students in cultivar specific terpenoid expression. We hydroponically cultivate *N. cataria* (Catnip) and express three terpenes that are safe and natural mosquito repellents rivaling the potency of DEET, a synthetic insect repellent.*

Having the ability to work across disciplines gives students appreciation for different aspects of science. Students graduating from my lab have gone on to medical school, graduate school, and straight into industry.



Scholarly Activity is at the Heart of Learning at IU Northwest

Faculty mentors regularly put undergraduates at the forefront of their projects, research, and more

Whether it's groundbreaking scientific research, a creative endeavor, or any other scholarly activity, undergraduates are central to the academic culture at Indiana University Northwest.

The faculty regularly involve students in their activities, a practice that students say gives them a level of experience at the undergraduate level that many students never get until much later in their careers.

This is the kind of hands-on learning that sets this campus apart from larger universities, the kind of experience that gives students a competitive edge well before the graduate level.

IU Northwest fosters a culture that puts students squarely at the helm of scholarly endeavors, the breadth of which is showcased each year at campus conferences such as the highly anticipated annual College of Arts and Sciences Conference, as well as regional student research venues, and national conferences.

The students featured here all say the experience of conducting in-depth research alongside their faculty mentors gave them invaluable experiences and

provided a competitive edge in their careers and when applying to graduate schools.

An educator and passionate researcher

Kyle Reynolds graduated in 2020 with a B.S. in Secondary Education and a concentration in Earth/Space/Science.

His goal is to run his own classroom and be the best teacher he can be. He aims to enroll in a doctoral program and contribute to his field in a more profound way.

As an undergraduate, he had the opportunity to work alongside Associate Professor of Science Education Anita Benna on a project which entailed a program called Epistemic Network Analysis to visually display teachers' shifts in belief about self-efficacy, student capabilities, specific pedagogies, and other factors which influence their practice.

Reynolds explained that this information was used to make claims about the effectiveness of professional development models in creating lasting changes in teachers' practice.

"Working with Dr. Benna has given me a much deeper and well-rounded understanding of education,

academia, and myself as a professional,” Reynolds said. “Her guidance has given me a passion for research that I will take with me to graduate school, and confidence that I can be a positive contributor to my field.”

Reynolds added that the experience also gave him a clear view of what good pedagogy looks like.



Brittany Armstrong

“I feel comfortable talking about and defending my views, and without this experience I certainly would not have such well-developed opinions,” he said. “This will make a huge difference in the quality of my lessons and how I present myself in interviews and while networking. It will also be a huge advantage in graduate school where many of the skills I have picked up will be directly applicable.”

Melding fields results in new discoveries

Brittany Armstrong (above), a recent biochemistry graduate recognized as an outstanding student in biochemistry, joined Associate Professor of Chemistry Tia Walker’s undergraduate research group in August 2019.

In an opportunity she secured through IU Northwest’s Minority Opportunities for Research Experience (MORE) program, Armstrong worked alongside Walker to meld her chemistry and biochemistry expertise with her background in computer coding and programming.

In Walker’s lab, she cultivated Catnip and Mimosa pudica for extraction and identification of key organic molecules that may have application in agriculture and medicine. She then used the programming language Python to monitor external and internal humidity, temperature, growth, water pH, water flow, and light in the lab. She also utilized several Raspberry Pi microcomputers to design a layout in the grow room.

Building a stellar research portfolio

Under the wing of School of Business and Economics Professor **Tin-Chun Lin** (shown on page 40), **Henry Georgas** analyzed the impacts of local taxes on student achievement in Indiana public school districts. “Prior to working with Dr. Lin, I knew that faculty members conducted and published research, but I did not have a great idea of what that process actually looked like,” Georgas said. “Having this research opportunity as an undergraduate has made



Tin-Chun Lin

me more prepared, as well as a more competitive applicant for graduate school.”

Georgas, who graduated with an economics degree in 2020 and was recently commissioned as a Second Lieutenant in the Indiana Army National Guard, is considering the possibility of law school, or a graduate degree in economics or a related field.

Endeavors get creative

As evident in the School of the Arts, the student-mentor relationship is not limited to labs and publications. **Brian Thomas-Chopps** (right), a 2019 performing arts alumnus, took on the role of technical director and sound designer for the production *A Doll’s House*, under the direction of Associate Professor **Mark Baer**.

“Professor Baer allowed me to gain experience by letting me create the sound designs for many of

IU Northwest’s plays for the last few years. Taking a leadership role in *A Doll’s House* allowed me to better understand the day-to-day workings of putting on a show.”

Thomas-Chopps explained that frequent meetings with fellow students showed him how much planning and cooperation it takes to be a successful leader, as well as contributor, in a theatrical production.

“Throughout my years of college with Mark as my mentor, I learned just how much dedication and passion it takes to pursue a career in theater.”

The experience led to a nearly immediate position in the performing arts.

“I am a scenic carpenter at IU Northwest and sometimes I oversee the technical aspects, such as lights and sound, during events happening at Theatre Northwest,”

Thomas-Chopps said. “I also do carpentry work for Theatre at the Center in Munster. Without Mark’s mentorship and compassion I don’t know if I would have a career in theater today.”



Brian Thomas-Chopps

Faculty Research/Creative Activity Areas of Interest

WILLIAM ALLEGREZZA

Professor
Department of English
Poetry, Creative, Writing, Publishing, Literature

KATHERINE ARFKEN

Associate Professor
School of the Arts
Theatre, Design, Community, Organizing, Democracy

ERIN ARGYILAN

Professor
Geosciences Department
Coastal Processes, Great Lakes Climate,
Shoreline Geomorphology

YLLKA AZEMI

Assistant Professor
School of Business and Economics
Consumer Behavior, Marketing Strategy, Analytics

PETER AVIS

Associate Professor
Department of Biology
Mycology, Molecular Ecology, Environmental Science

MARK BAER

Associate Professor
School of the Arts
Theatre, Acting, Directing, Collaboration,
Community Engagement

VESNA BALAC

Clinical Assistant Professor and Program Director
Radiologic Sciences Program
Problem-Based Learning Image Critique

SUBIR BANDYOPADHYAY

Professor
School of Business and Economics
Marketing, Brand/Retail Management, International
Business

ANITA BENNA

Associate Professor of Science Education
School of Education
STEM, Urban Teaching, Teacher Beliefs

KARL BESEL

Professor
School of Public and Environmental Affairs
Nonprofit Management, Urban Planning

JACK BLOOM

Professor
Department of Sociology and Anthropology
Social Movements, Race, Civil Rights Movement

JONATHYNE BRIGGS

Professor and Associate Dean of Humanities and the Arts
Department of History, Philosophy, Political Science, and
Religious Studies
France, Autism, Youth, Globalization, Music

NATASHA BROWN

Assistant Professor
School of the Arts
Interpersonal Communication, Health, Social Support,
Patient-provider Communication, Risk Perception

NICHOLAS CASAS

Assistant Librarian
Library Information Literacy, Research, Misinformation,
Social Media, News

CHAE YOUNG CHANG

Assistant Professor
School of Public and Environmental Affairs
Obesity and Mental Health, Anti-Obesity Policy, Public
Trust on Government, Employee Succession Planning

THADE JUDE CORREA

Visiting Lecturer
Department of English
Poetry & Poetics, 20/21st Century Literature,
International Literature, Critical Theory, Translation



SPENCER CORTWRIGHT

Associate Professor
Department of Biology
Restoration Ecology, Ecology, Conservation Biology

GIANLUCA DI MUZIO

Associate Professor
Department of History, Philosophy, Political Science,
and Religious Studies
Aristotle, Applied Ethics, Ancient Skepticism,
Philosophy of Religion

BILL DORIN

Professor
Department of Computer Information Systems
Web Department and Programming

MARIE EISENSTEIN

Associate Professor
Department of History, Philosophy, Political Science
and Religious Studies
Religion, Politics, Tolerance, Trust

JENNY FISHER

Assistant Professor
Department of Biology
Microbial Ecology, Water Quality, Antibiotic Resistance,
Microbiome, Wastewater Epidemiology

TANICE FOLTZ

Professor and Director
Department of Sociology and Women's and
Gender Studies
Violence Prevention, Awareness

MING GAO

Associate Professor
Department of Biology
Germ Cell Development, Drosophila Genetics,
Gene Editing, Ribonucleoproteins, RNA Helicase Me31B

ADRIÁN GARCÍA

Associate Professor
Department of Modern Languages
Spanish and Cuban Narrative

JENNIFER GREENBURG

Associate Professor
School of the Arts
Conceptual Photography, Contemporary Art

MARSHELIA HARRIS

Assistant Professor
School of Social Work
Effective Teaching Strategies for Adjuncts

MARK HOYERT

Professor and Dean, College of Arts and Sciences
Department of Psychology
Achievement Motivation, Student Success,
GOFAR, Chaos Theory

IZTOK HOZO

Professor
Department of Mathematics and Actuarial Science
Medical Decision Theory, Modeling

JEREMIAH HULSEBOS-SPOFFORD

Assistant Professor
School of the Arts
Visual Art, History, Public Art, Community, Sculpture

TAWA IBIKUNLE-SALAMI

Clinical Assistant Professor and Coordinator FNP
Program, Director, Campus Health and Wellness Center
School of Nursing
Global Healthcare Issues (Vaccines, Infectious Disease)

PATRICK JOHNSON

Assistant Professor and Program Coordinator
School of the Arts
Social Media, LGBTQ, Queer Theory, Gender Theory,
Digital Activism

DANIEL KELLY

Associate Professor
Department of Chemistry
Surface Chemistry, Hofmeister Interactions

ZORAN KILIBARDA

Professor
Department of Geosciences
Coastal Dunes, Karst, Carbonates, Flysch, Microplastics

DAVID KLAMEN

Chancellor's Professor and Dean
School of the Arts
Studio Art, Painting, Drawing

HANNAH LEE

Associate Professor
Department of Psychology
Mental Health, Cultural Perspectives, Well-Being

CARA LEWIS

Associate Professor
Department of English
Literature, Visual Arts, Gender and Sexuality Studies

DIANA CHEN LIN

Professor
Department of History, Philosophy, Political Science,
and Religious Studies
Modern, Contemporary China

TIN-CHUN LIN

Professor
School of Business and Economics
Economics of Education, Economic Education,
Consumer Economics, Public Finance

ANJA MATWIJKI

Professor
Department of History, Philosophy, Political Science,
and Religious Studies
Human Rights, Post-Conflict Justice, Global Imperatives

STEPHEN McSHANE

Librarian, Archivist/Curator
Calumet Regional Archives
Industrial, Labor, Political, Transportation History

CHIDIEBELE CONSTANCE OBICHI

Assistant Professor
School of Nursing
Health Disparities, Interprofessionalism, Mental Health,
Health Prevention and Promotion

BRIAN O'CAMB

Associate Professor
Department of English
Medieval Literature, Proverbs, Old English Poetry

CYNTHIA O'DELL

Professor and Associate Executive Vice Chancellor
for Academic Affairs
Department of Psychology and Academic Affairs
Achievement Motivation, Student Success,
Perceptual Development

DAVID PARNELL

Associate Professor
Department of History, Philosophy, Political Science,
and Religious Studies
Antiquity, the Middle Ages, the Mediterranean World

SCOOTER PÉGRAM

Associate Professor, Chair and MLS Director
Department of Modern Languages and Liberal Studies
Program
Sociolinguistics, Identity, Ethnic Studies, Hip-Hop Studies,
Language Maintenance and Shift

SHARON PRATT

Assistant Professor
School of Education
Reading Comprehension, Reading Strategies, Writing
Strategies, Metacognition, Visual Literacy

CYNTHIA ROBERTS

Professor and Dean,
School of Business and Economics
Leadership, Leadership Development

DANIELE ROSSO

Assistant Professor
Department of Mathematics and Actuarial Science
Symmetry, Abstract Algebra, Combinatorics,
Representation Theory

SUSAN ROUSE

Associate Professor and Associate Director
of Undergraduate Programs
School of Nursing
Interprofessional Education, Licensure (NCLEX)

MAUREEN RUTHERFORD

Assistant Professor
Department of Psychology
Stress, Anxiety, Drugs, Zebrafish, Neuroscience



RAJ SELLADURAI

Associate Professor
School of Business and Economics
Healthcare Reform

CRYSTAL SHANNON

Associate Professor and Associate Director,
Graduate Program,
School of Nursing
Community-Based Research, Faith-Based Research,
Disaster Preparedness

VERNON SMITH

Professor
School of Education
Servant Leadership, Politics, Educational Leadership,
Community Service

MONICA SOLINAS-SAUNDERS

Associate Professor
School of Public and Environmental Affairs
Corrections, Re-entry, Interpersonal Violence

ELLEN SZARLETA

Professor, and Director, Center for Urban and
Regional Excellence
School of Public and Environmental Affairs
Community Engagement, Decision Making,
Collective Impact, Deliberative Democracy

IAN TASCHNER

Assistant Professor
Department of Chemistry
Macrocycles, Synthesis, Catnip, Cancer,
Anti-viral Chelates

TIA WALKER

Associate Professor
Department of Chemistry
Macrocycles, PET Imaging, Organic Synthesis,
Cryptands, Metal Chelators

JIE WANG

Associate Professor
Department of Computer Information Systems
Matrix Factorization, Machine Learning, User-generated
Content, Data Visualization, Text Mining

XIAOFENG WANG (ALEX)

Associate Professor
Department of Mathematics and Actuarial Science
Actuarial Science, Graph Theory, Operations Research

CHRISTOPHER J. YOUNG

Professor
Department of History, Philosophy, Political Science
and Religious Studies
Colonial and Revolutionary America, Early American
Republic

SUSAN ZINNER

Professor
School of Public and Environmental Affairs
Bioethics, Pediatric Ethics, Administrative Ethics,
End-of-life Issues

* This index is not a complete list of IU Northwest faculty and their research interests. Only faculty who chose to be listed are included.



Indiana University Northwest
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Indiana University was founded on January 20, 1820, making it one of the oldest public universities in the nation. To celebrate its Bicentennial, IU has developed a multi-year, multi-campus program that recognizes and chronicles IU history, showcases the university's significant contributions to the world, and sets a course for the next century.

For more information about the IU Bicentennial, visit

200.iu.edu



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