2018-19 NDI FACULTY RESEARCH FUNDING

Asia Research Collaboration Grant

Research Partner: Zhejiang University, China

Hsueh-Chia Chang & Satyajyoti Senapati, Chemical and Biomolecular Engineering, Assessing Manufacturability and Market Feasibility of a Diagnostic Device for Detection of Genetically Modified Crops – A Collaboration with Yuan Ze University
Research Partner: Yuan-Ze University, Taiwan

Nicholas Zabaras, Center for Informatics and Computational Science, University of Hong Kong–University of Notre Dame Scientific Symposium on Mathematical, Statistical and Big-Data Challenges for Predictive Modeling of Complex Systems
Research Partner: University of Hong Kong

Prof. Dinshaw S Balsara, Physics & Applied and Computational Mathematics and Statistics, Computational Astrophysics and Computational Math of Rarefied Plasmas
Research Partners: TIFR-Bangalore and IIT-Delhi, India

Mahan Mirza, Proposal to Collaborate with Scholars from India and Pakistan to Advance Conversation between Traditional Learning and New Knowledge in Madrasa Discourses, Kroc Institute for International Peace Studies, Keough School of Global Affairs
Research Partners: Jamia Millia Islamia, India, Gift University Pakistan

Luksburg Foundation Collaboration Grant

Dr. Daniele Schiavazzi, Applied and Computational Mathematics and Statistics Uncertainty quantification of relative pressures from undersampled velocity reconstruction in 4D flow MRI
Research Partner: Pontificia Universidad Catolica de Chile (PUC)

Patrick Griffin, History/Keough-Naughton Institute for Irish Studies, Keough School of Global Affairs The Idea of a Nation and Narratives of Independence
Research Partner: Pontificia Universidad Catolica de Chile (PUC)

Ryan G. McClarren, Aerospace and Mechanical Engineering PUC/Notre Dame Workshop in Machine Learning and Uncertainty Quantification
Research Partner: Pontificia Universidad Catolica de Chile (PUC)

Cesar Sosa-Padilla,Economics, The Notre Dame – PUC Luksburg Conference on Recent Advances in Macroeconomics
Research Partner: Pontificia Universidad Catolica de Chile (PUC)

Sharon Stack, Chemistry&Biochemistry/Harper Cancer Research Institute FAT Cadherins: Novel Cell Adhesion Molecules in Ovarian Cancer Progression and Metastasis
Research Partner: Pontificia Universidad Catolica de Chile (PUC)

Timothy Scully,Paolo Carozza, Ernest Morrell, Robert Dowd, Nicole Garnett, Ernest Morrell, Institute for Educational Initiatives & Kellogg Institute Global Catholic Education: Setting and Expanding a Social Science Research Agenda
Research Partner: Pontificia Universidad Catolica de Chile (PUC)
Mexico Research Collaboration Grant

Jaime M. Pensado, History, Student Activism and State Repression in Mexico during the Global Sixties
Research Partner: Cinvestav, Mexico

Therese Cory, Philosophy Department, Thomas Aquinas and the Abrahamic Traditions
Research Partner: Universidad Panameicana, Mexico

Clemens Sedmak, Center for Social Concerns & Keogh School for Global Affairs, Operationalizing the Common Good
Research Partners: Universidad Popular Autónoma del Estado de Puebla, Mexico

Schlindwein Family Tel Aviv University – Notre Dame Research Collaboration Grant

Gretchen Reydams-Schils, Michael Novick. Program of Liberal Studies & Theology, Interpretive Cultures of Late Antiquity: Hellenistic, Roman, Jewish and Christian Perspectives
Research Partner: Ishay Roshen-Zvi, Department of Hebrew Culture

The Insider Project

Jason Ruiz, American Studies, Beyond Narcos: Colombia from the War on Drugs to the Coming Peace

Kevin Walsh, Civil & Environmental Engineering & Earth Sciences, Natural hazards risk, life cycle analysis, and economic consequence of masonry building loss in an Alpine fault earthquake: A Short-term faculty-student collaboration opportunity for undergraduates in New Zealand

Other Current Awardees

Sharon Hu Xiago, Computer Sc. & Eng., Asia Research Collaboration Grant
Michael Niemier, Computer Sc. & Eng., Asia Research Collaboration Grant
Suman Datta, Electrical Eng., Asia Research Collaboration Grant
Pengjie Gao, Finance, Asia Research Collaboration Grant
Umesh Garg, Physics, Asia Research Collaboration Grant
Khachatur Manukyan, Physics, Asia Research Collaboration Grant
Ani Aprahamian, Physics, Asia Research Collaboration Grant
Sylwia Ptasinska, Physics, Asia Research Collaboration Grant
Yiyu Shi, Computer Sc. & Eng., Asia Research Collaboration Grant
Haifeng Gao, Chemistry & Biochemistry, Asia Research Collaboration Grant
Bradley Smith, Chemistry & Biochemistry, Asia Research Collaboration Grant
Sarah Mustillo, Sociology, Global Collaboration Initiative Award
Kathleen Sprows Cummings, History, Global Collaboration Initiative Award
Sophie White, African & African American Studies, Global Collaboration Initiative Award
Danny Z. Chen, Computer Sc. & Eng., Global Collaboration Initiative Award
Ashish Sharma, Civil & Envir. Eng. & Earth Sc., Global Collaboration Initiative Award
Gabriel Said Reynolds, Theology, Global Collaboration Initiative Award
Masaru Kuno, Chemistry & Biochemistry, Global Collaboration Initiative Award
Greg Hartland, Chemistry & Biochemistry, Global Collaboration Initiative Award
Prashant Kamat, Physics, Global Collaboration Initiative Award
Chaoli Wang, Computer Sc. & Eng., Global Collaboration Initiative Award
Gregory Snider, Electrical Eng., Global Collaboration Initiative Award
Alexi O. Orlov, Electrical Eng., Global Collaboration Initiative Award
Michael Defletsen, Philosophy, Global Collaboration Initiative Award
Timothy Beers, Physics, Lueksburg Foundation Collaboration Award
Peter Garnevich, Physics, Lueksburg Foundation Collaboration Award
Christopher Howk, Physics, Lueksburg Foundation Collaboration Award
Maria Rosa Olivera-Williams, Romance Languages & Literatures, Lueksburg foundation Collaboration Award
Kenneth Cecire, Physics, Lueksburg Foundation Collaboration Award
Mitchell Wayne, Physics, Luksburg Foundation Collaboration Award
Yiyu Shi, Computer Sc. & Eng., Luksburg Foundation Collaboration Award
Sylwia Prasinska, Physics, Luksburg Foundation Collaboration Award
Allen Oliver, Chemistry & Biochemistry, Luksburg Foundation Collaboration Award
Slavi C. Sevov, Chemistry & Biochemistry, Luksburg Foundation Collaboration Award
Vlad M. Iluc, Chemistry & Biochemistry, Luksburg Foundation Collaboration Award
Anton Juan, FTT, Luksburg Foundation Collaboration Award
Anne Garcia-Romero, FTT, Luksburg Foundation Collaboration Award
A. Nilesh Fernando, Economics, Luksburg Foundation Collaboration Award
Matthew Gursky, Mathematics, Luksburg Foundation Collaboration Award
Guillermo Trejo, Political Science, Mexico Research Collaboration Grant
Graham Peaslee, Physics, Mexico Research Collaboration Grant
Michael Wiescher, Physics, Mexico Research Collaboration Grant
Mitchell Wayne, Physics, Mexico Research Collaboration Grant
Kenneth Cecire, Physics, Mexico Research Collaboration Grant
Antonio Delgado, Physics, Mexico Research Collaboration Grant
Richard E. Taylor, Chemistry & Biochemistry, Mexico Research Collaboration Grant
Sharhriar Mobashery, Chemistry & Biochemistry, Mexico Research Collaboration Grant
Mayland Chang, Chemistry & Biochemistry, Mexico Research Collaboration Grant
Olaf Wiest, Chemistry & Biochemistry, Mexico Research Collaboration Grant
John Paul Grieco, Biological Sciences, Mexico Research Collaboration Grant
Paul Helquist, Chemistry & Biochemistry, Mexico Research Collaboration Grant
Rob Nerenberg, Civil & Environmental Engineering & Earth Sciences, Mexico Research Collaboration Grant
Jonathan K. Whitmer, Chemical & Biomolecular Engineering, Mexico Research Collaboration Grant
William A. Phillip, Chemical & Biomolecular Engineering, Mexico Research Collaboration Grant
Jennifer L. Schaefer, Chemical & Biomolecular Engineering, Mexico Research Collaboration Grant
William F. Schneider, Chemistry & Biochemistry, Mexico Research Collaboration Grant
Matthew J. Webster, Chemical and Biomolecular Engineering, Mexico Research Collaboration Grant
Jeremiah J. Zartman, Chemical and Biomolecular Engineering, Mexico Research Collaboration Grant
Hsueh-Chia Chang, Chemical and Biomolecular Engineering, Mexico Research Collaboration Grant
David Go, Aerospace & Mechanical Engineering, Mexico Research Collaboration Grant
Anre Venter, Psychology, The Insider Project
Mathias Pabsch, German & Russian Languages & Literature, The Insider Project
Denise DellaRossa, German & Russian Languages & Literature, The Insider Project
Ted Barron, Performing Arts Administrative, The Insider Project