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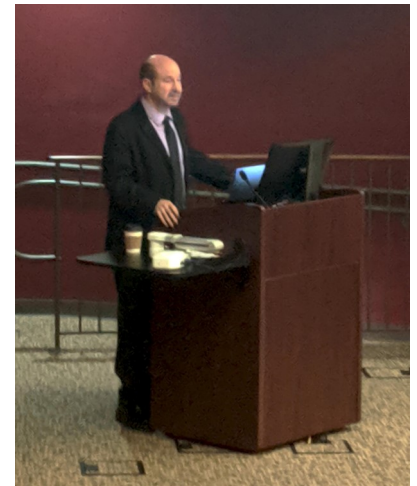


MANN ALIVE! CLIMATE CHANGE SCIENCE THROUGH THE EYES OF A WORLD-RENOWNED ATMOSPHERIC SCIENTIST

By Dr. Christopher R. Jeffords

On Thursday, September 19th, Distinguished Professor of Atmospheric Science at the Pennsylvania State University, Dr. Michael Mann, visited IUP to speak about climate change. Dr. Mann is perhaps the most famous climate scientist alive today, and one of the most prolific researchers in his field. With over 34,000 citations to his 200+ peer-reviewed and edited publications, op-eds, commentaries, and four books (including a children's book!), Dr. Mann's primary research involves the use of theoretical models and observational data to form a better understanding of Earth's climate system.

His name may be familiar to you, our readers, not only from his current research and outreach but because of the so-called "Hockey Stick Graph" and its extensions. In an article in *Nature* (1998), Dr. Mann and his co-authors Raymond Bradley and Malcom Hughes conveyed some surprising findings. First, mean annual temperatures in the northern hemisphere from 1990, 1995, and 1997 were warmer than any other year since 1400 AD. Second, climate variability over the past 400 years can be attributed to changes in greenhouse-gas concentrations, solar irradiance, and volcanic aerosols, but the most dominant driver of variability during the 20th century was changes in greenhouse-gas concentrations. In this context, the Hockey Stick Graph showed how hundreds of years of relatively stable temperature changes were followed by a sizeable upswing in temperatures during the 20th century. In other words, the graph of temperature variability across time resembled a hockey stick lying on its side with the head pointed towards increased variability. This and future updates to this line of research propelled Dr. Mann and his colleagues into the limelight, for better or worse.



Dr. Michael Mann

The curious reader can of course google Dr. Mann to discover how he was personally and professionally vilified for his research findings and the implications of his research in terms of the scale and scope of human contributions to climate change. Despite these efforts, however, facts triumphed, and Dr. Mann has since received various honors and awards for his contributions to climate change science. Dr. Mann was a Lead Author on the Observed Climate Variability and Change chapter of the Intergovernmental Panel on Climate Change (IPCC) Third Scientific Assessment Report (2001). Together with the other co-authors, Dr. Mann contributed to the award of the 2007 Nobel Peace Prize awarded to the IPCC and Al Gore. Some of Dr. Mann's other awards and honors include the National Oceanic and Atmospheric Adminis-

In this issue:

Mann Alive! Climate Change Science Through the Eyes of a World-Renowned Atmospheric Scientist: Christopher R. Jeffords 1

Scholarships: How You Can Help 3

Student Spotlight: Justin Foran 4

Perhaps a "Free Lunch" Can Exist: Stephen J. Miha-lacki 5

Faculty Notes 7

Student Notes 9

Editor:

Dr. David B. Yerger

CLIMATE CHANGE SCIENCE (CONT.)

(continued from page 1)

tration's outstanding publication award (2002), the Hans Oeschger Medal of the European Geosciences Union (2012), the national Conservation Achievement Award for science by the National Wildlife Federation (2013), and the Climate Communication Prize from the American Geophysical Union (2018). Dr. Mann is clearly at the forefront of his field and climate change science and, by carefully conveying his findings in terms and outlets the general public can relate to, he provides a great public service.

Dr. Mann's visit to Indiana was met with excitement and enthusiasm. After spending most of the day meeting with smaller groups of students and faculty and being plied with coffee, pastries, and probing questions about the climate, Dr. Mann provided a 75-minute guest lecture to a packed auditorium of more than 300 folks from the Indiana community followed by an intimate 45-minute question and answer session with approximately 50 individuals. In his main talk, Dr. Mann presented information about climate change set against the background of one of his most recent publications about denialism in the age of Donald Trump: "The Madhouse Effect: How Climate Change Denial is Threatening Our Planet, Destroying Our Politics, and Driving Us Crazy." By cleverly weaving humor, satire, and scientific facts and evidence, Dr. Mann outlined many of the reasons why humanity should care about climate change, despite various efforts by special interest groups and politicians to minimize the science and scientists and, perhaps worse, deny the existence of a climate change problem altogether. Despite widespread denialism, Dr. Mann's overall message was one of cautious optimism. That is, he discussed how he thinks it's still possible to take steps to mitigate the existing harmful side effects of climate change and possibly stem the flow of certain future types of damage. To this end he offered various ways individuals can get involved, from the decisions they make in their lives to public outreach and voting, and by contacting local, state, and national representatives to discuss climate change.



Dr. Mann spoke to a packed auditorium in Eberly.

The trajectory of climate change research and public awareness about climate change, both in general and as it relates to human-caused climate change, has been expertly guided by Dr. Mann, his colleagues, and others. This is important not only because of the various avenues through which one can obtain false or misleading information about climate change, but also because Earth's climate is indifferent to age, gender, sex, race, income, religion, political affiliation, and any other sociodemographic characteristic one can list. In other words, we, as humans, will experience climate change regardless of our qualities and characteristics and, as such, perhaps we might consider taking steps to ensure the viability of Earth's climate not only for ourselves but for future generations, especially because of the variability in the climate resulting from human activity.

In addition to Dr. Mann being very generous with his time, his talk was made possible by various departments, programs, and colleges on campus. In particular, the Sustainability Studies Program, the Departments of Economics and Geoscience, the College of Humanities and Social Sciences, and the John J. and Char Kopchick College of Natural Sciences and Mathematics.



SCHOLARSHIPS: HOW YOU CAN HELP

As current economics students juggle financing their college education with other responsibilities, they often look towards scholarships to help fill the gap. Through the support of generous alumni, faculty and staff members, emeriti professors, and friends, six scholarships are currently (or eventually will be) available to current economics students:

- 5351 - Economics Department Scholarship
- 0648 - Drs. Jozefowicz Department of Economics Scholarship
- 5375 - Nicholas Karatjas Scholarship for Economics
- 0505 - Karl A. McDermott Scholarship for Economics
- 0449 - Robert J. Stonebraker Scholarship for Economics
- 0359 - Donald A. Walker Department of Economics Scholarship

To increase the impact of these economics scholarships, your support is critical. You can support future economics students by designating your gift to any of these scholarship funds. Go to the IUP secure on-line giving form at www.iup.edu/giveagift to make your gift now. Be sure to select the "specific area at IUP" option and indicate your fund designation (see account numbers above) in the "other" area on the form.

For more information about how you can support one of these economics scholarships or to discuss the process of establishing your own scholarship, please contact: Anthony Cancro, Director of Development, at 724-357-2380 or acancro@iup.edu.

Additionally, inaugural members of the recently established Leadership Society Council, Drs. Jim and Stephanie Jozefowicz, are available to assist you in any questions you might have about how to become a Leadership Society member and a supporter of the Economics Department.

**I would like to support scholarships for IUP students
in the Economics Department by making a gift to the Foundation for IUP.**

Name(s): _____ IUP ID (if known):_@_____

Address: _____

City: _____ State: _____ Zip Code: _____ Phone Number: _____

Email: _____ circle one: Home Cell

Please accept my support to the following scholarship for Economics (circle your fund preference):

- 5351 – Economics Department Scholarship
- 0648 – Drs. Jozefowicz Department of Economics Scholarship
- 5375 – Nicholas Karatjas Scholarship for Economics
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- 0359 – Donald A. Walker Department of Economics Scholarship



With my gift or pledge to the Foundation for IUP of \$_____, to be paid by:

Check, made payable to the **FOUNDATION FOR IUP**

A pledge, payable in 1 2 3 4 consecutive month installments

To make a one-time or recurring gift online, visit www.iup.edu/giveagift.

Please mail this form along with payment, if applicable to: Foundation for IUP, Sutton Hall, Room G1, 1011 South Drive, Indiana, PA 15705-1046. Or, to pay by credit card visit www.iup.edu/stonebraker.

I prefer not to have my name included in IUP's online donor listing (please initial).

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STUDENT SPOTLIGHT: JUSTIN FORAN

Recipient of the George A. Chressanthis Department of Economics Scholarship

Editor's Note: Dr. George A. Chressanthis is a 1977 graduate of Indiana University of Pennsylvania. After earning his Master's degree at Purdue University, Dr. Chressanthis enrolled in the doctoral economics program in the Krannert Graduate School of Management at Purdue, earning a full scholarship and teaching assistantship honors. He has held a variety of academic positions at institutions including Saginaw Valley State University, Texas Tech University, Mississippi State University, and Temple University. He was also the director of Promotion Response Analytics for AstraZeneca, one of the world's largest pharmaceutical firms. He is currently a Principal Scientist with AXTRIA. Since 2001, the George A. Chressanthis Department of Economics Scholarship has been awarded to a student enrolled full-time at IUP. The criteria include: Preference is given to incoming freshman students who have declared a major in Economics, Economics/Pre-Law, or Social Science Education with a concentration in Economics at IUP; the student must have an outstanding academic record demonstrated by factors including high school GPA, class rank, performance on SAT or other college entrance standardized tests, and participation in extracurricular activities that have an academic focus; and the student must demonstrate financial need in pursuing higher education objectives.

Justin Foran, a sophomore from Freeport, PA, was the recipient of the George A. Chressanthis Department of Economics Scholarship for 2018. Justin is minoring in Applied Statistics and pursuing the Economics Pre-Law Track.

Justin says, "Upon my arrival at IUP I was still debating on going into finance or economics. Both topics had interested me in high school and I knew that I wanted to learn more. The study of finance was more of an infatuation, and economics was the lasting passion. There is more excitement in economics as we are the outliers in the university system. It was more than just understanding the graphs, it was lasting enjoyment of understanding why there is no such thing as a free lunch, the difference between nominal and real GDP, and even finding value in Game Theory."

When asked why he chose IUP, Justin explains "While I am a second-generation student at IUP, as my father graduated in the 80s, I never thought that IUP was my number one choice for a school. I had applied to many other state schools as I knew that I didn't want to attend the larger main campuses. It wasn't until my visit to the department that I was sure that this was the college that I wanted to attend. I was privileged enough to meet Dr. Yerger and Dr. Jozefowicz, and I was offered this scholarship that day. That was the real turning point when I decided that this was my department and this was my college."

Justin notes "I find that in the Economics Department, when comparing other departments, there is much more involvement than in others at IUP. As the Vice President of the Economics Club, I go to many of the events and I always see the professors and their students. The department pushes me to be involved; from day one the opportunity was there to go to the department library and ask questions. There was never a time when I was turned away or told to reschedule. In general, I find that IUP was a great choice financially and educationally. I won't walk out of college buried in debt, and I will receive a fine education."

Justin emphasizes that a main IUP highlight for him was receiving the George A. Chressanthis Department of Economics Scholarship. He says, "Receiving this scholarship means that perhaps all the talk about hard work and determination that was talked about in high school really was the truth. I think that it is a sign that I have achieved and succeeded to some respect. It is more than some numbers on a paper, it's the badge of integrity that I wear proudly to represent my department and myself. I am lucky to be here and to have the kind of support that I have received from IUP, and I don't know if I would have had that same support, should I have gone anywhere else."

When it comes to his future plans Justin notes, "I am asked often about what my IUP story will be, and I always have the same answer, that my story is not yet finished. I don't know what the future holds, but as an economist I can forecast what it might have in store for me. If I continue to invest time and effort the outcome will be worth everything put in at IUP."



Justin Foran

PERHAPS A “FREE LUNCH” CAN EXIST BY STEPHEN J. MIHALACKI

Editor’s Note: Steve Mihalacki ('01) is currently the Director of Medical Economics at Aetna after having served in various capacities in Medicaid, Medicare, and Commercial health insurance. In his present role, Steve monitors health care trends across the country and seeks innovative solutions to keep the cost of healthcare affordable for members. On Wednesday, October 16, Steve spoke to the Economics Club as part of the Club’s Alumni Speaker Series.

After an almost 20-year hiatus, I had the distinct pleasure of returning to my beloved alma mater to speak in a semi-official capacity to the Economics Club during their October Alumni Speaker Series. This short trip back to IUP was one of the high points of my professional career. I wanted to take a moment to reflect on my brief time back on campus, give some opinions on the changes that have occurred during my time away, and ultimately disprove a long-standing theory that there is no such thing as a free lunch!

I must start by saying that I never really left IUP. I loved every minute of my college experience and have continued to carry my pride of IUP with me since the day I became a graduate. My wife, Shannon (a fellow IUP-er), has even considered my past-looking practices as problematic as she has told me in not so many words that I needed to “stop living in the past.” She often accused me of mimicking the movie character “Van Wilder” – the young man who actively put off graduation because he loved college life so much. Granted, I did graduate on time, but Shannon probably had a point during the frequent times I would wear worn, hole-ridden IUP t-shirts on dinner dates or even to church with glee, explaining that “I’ve had this shirt since freshman year!” Or better yet – trying to convince her to eat midnight pancakes with me and my kids “like we used to do during finals week.” Unfortunately for my wife, this recent trip has set me back about a decade, and I shall now be donning old IUP hoodies and t-shirts again for years to come. The jury is still out on midnight pancakes.



Steve Mihalacki and Jim Jozefowicz share some memories.

I’ve heard of the major building construction that has occurred over the last several years, and I have even seen a few glimpses on short trips passing through Indiana, PA. Now all I can say is, “Wow!” There is not much left of the way I remember my old IUP. It’s not necessarily bad. It’s just...different. The look and feel of campus is not how I remember it. Upon arriving for my presentation, I parked at Breezedale Hall. All good. I walked past my old dorm, Whitmyre Hall. Just as I remembered it. But one step past that and I felt as though I landed on Pandora (sorry...another favorite movie quip that I had to sneak in). There were beautiful new living halls and additions to the student union. New sculptures and monuments crept up beside new academic buildings. Trendy cafés and health food shops were dotted along the areas of open green space where I used to walk to and from class.

I walked past Weyandt Hall, where my wife spent most of her time. She and I often would hang out between there and Keith Hall between our classes. But wait! Where was Keith Hall? Please let Keith Hall still be here. This iconic building is where I had my very first Economics class with Dr. Dyal. In that hall my freshman year, I made the decision to major in Economics while attending ECON 101. The old schoolhouse feel, along with wooden desks and even lockers, was the epitome of a model of academic learning. My heart sank as I walked past and saw that Keith Hall was gone. A new dining hall now stood in its hallowed place.

Now, don’t worry. I eventually gained acceptance of the new IUP after making my way to the Oak Grove to clear my head. For all alumni reading this, it is still there. It is still the heart and soul of our cherished campus. Everything we all remember and love is still being used and appreciated by current students. The majestic oak trees still tower throughout the area. Sidewalk chalk still adorns the walkways with notes of upcoming events and meetings. The squirrels still command respect and walk amongst the mighty academics without fear. It was there in this familiar area that I also took notice of the remnants of the 9/11 memorial made from actual wreckage from the Twin Towers. That was new.

PERHAPS A "FREE LUNCH" CAN EXIST (CONT.)

(continued from page 5)

And it fit in perfectly (even properly) on MY campus. It was a small reminder of how things can change drastically in an instant and how people, not buildings, are truly encompassing of good. Your home, your identity, your safe-haven really are made up of people. IUP was really the friends, colleagues, cadre, and professors that made the university great for me.

I ultimately met up that evening with the Drs. Jozefowicz, their daughter Abigail, and ROTC Cadet Ryan Redilla for dinner at the new dining hall, which I have aptly named "Keith Dining Hall." I'm not sure if that name will stick, but that is what I am calling it. Here is where the free lunch comes in. Dr. Jim had a guest pass for me for dinner. One can argue that in order for my free dining hall meal, I would need to pay for it by speaking at the Economics Club meeting, or by even forgoing another lost opportunity that evening. Ha ha! The joke's on you, because I would have gladly paid 10 meals' worth to speak to the Economics Club, and I would have forgone just about any other opportunity to have come back for this evening!

Joking aside, if I were to treat my talk to the Economics Club as a State of the Union address, I would proclaim that the state of the Economics Department is as strong and vibrant as ever. If anything warmed my heart more than my walk through the Oak Grove, it was meeting and talking to current students majoring or minoring in Economics. The students I met were phenomenal! Some of the brightest, highest-achievers I've come across (I shouldn't be too surprised – Econ majors are known to be smart). But seriously – some of these students were Veterans, collegiate athletes, AmeriCorps alumni, international students, and double/triple majors! As I toured the halls of McElhaney and the new CHSS building near the end of the evening, I saw constant reminders of the achievements of my fellow economics alumni. Who here reading this has benefitted by having their Econometrics project featured at the Pennsylvania Economic Association conference? I sure did. It was the first professional entry I could add to my résumé when I graduated. I'll go even farther to say that IUP is THE school for Economics!

Respectfully,
Steve Mihalacki ('01)

Alumni Information

The Department of Economics aims to maintain a current contact list of all of our alumni. Please let us know what you are doing!

.....

Name: _____

Graduation year, degree earned: _____

Address: _____

City, State, Zip: _____

Your news for the newsletter:

.....

Mail to: Alumni News, Department of Economics,
213 McElhaney Hall, Indiana University of PA,
Indiana, PA 15705

INTERESTED IN BEING AN ECONOMICS CLUB SPEAKER?
If you plan to be in the area (or live in the area) and would be interested in speaking to the Economics Club, please contact Dr. Chris Jeffords at Christopher.Jeffords@iup.edu
or
Dr. Jim Jozefowicz at James.Jozefowicz@iup.edu

FACULTY NOTES

Dr. Stephanie M. Jozefowicz was reelected Secretary of the Pennsylvania Economic Association at the Annual Conference held at Kutztown University of Pennsylvania in June 2019.

Dr. Yaya Sissoko attended the Pennsylvania Economic Association (PEA) Annual Conference in Kutztown, PA, on May 30 – June 1, 2019, and presented the following two research papers: “The External Debt and Its Impact on Economic Growth and Investment in ECOWAS Countries” (co-authored with Drs. Brian Sloboda and Kalamogo Coulibaly) and “A Generalized Value Chain Framework Simultaneously Useful for Companies That Offer Either Products, Services, or Informational Goods” (co-authored with Jeffrey Forrest, Yong Liu, and Jesus Valencia). These two papers were published in the *2019 PEA Proceedings*. In addition, Dr. Sissoko chaired a session on “Economic Development, Innovation, Technological Change, and Growth” at the conference.

Dr. Alexi S. Thompson presented “The Price of Cocaine and the Colombian Peso” at the 14th Annual International Symposium on Economic Theory, Policy and Applications held in Athens, Greece, on July 1-4, 2019.

Drs. Christopher R. Jeffords, Alexi S. Thompson, and IUP Economics alumnus **Jordan Gwinn ('18)** recently published a paper exploring the links between state-level economic growth and search intensity related to environmental issues and concerns. The paper is currently available online at <https://link.springer.com/article/10.1007/s12076-019-00231-3> and will be in a future print edition of *Letters in Spatial and Resource Sciences*.

Dr. Christopher R. Jeffords was recently noted in the following *Newsweek* article about the global frequency of and trends in violent crimes committed against environmental activists (or "defenders"): <https://www.newsweek.com/more-deadly-being-soldier-war-zone-environmental-activists-killed-defending-planet-have-1452277?fbclid=IwAR2AWABoaM1GoWRBRYMM8Srzed4OzxLCUqqOL74XS5mBeUA6d-IW13HHdMQ>.

Dr. Christopher R. Jeffords was selected as the new executive secretary of the Association for Social Economics (ASE). The ASE is an international professional organization founded in 1941 to promote research at the intersection of ethics, social values, and economic life. The ASE sponsors conferences and grants, as well as publishing two peer-reviewed journals: *The Review of Social Economy* and the *Forum for Social Economics*.

Congratulations and best wishes to **Dr. Willard W. Radell** (pictured) who retired on August 16, 2019, after 38 years of service to IUP. Dr. Radell’s main teaching areas were Managerial Economics and Economic History. Dr. Radell also served on many university and department committees, and he was an elected member of the University Senate. *Happy Retirement, Will – you deserve it!*

Dr. James J. Jozefowicz presented “Graduate School: There are more options than just Economics!” at September’s Economics Club meeting. Dr. Jozefowicz provided an overview of graduate school options pursued by IUP economics graduates and discussed key strategic considerations of the application process.

Drs. Stephanie M. Jozefowicz and **James J. Jozefowicz** participated in the IUP Leadership Society Council meeting held on Friday, October 4, 2019, on the IUP campus. They also attended the ribbon-cutting ceremony for the newly renovated Whitmyre Hall where they encountered several IUP economics alumni, including **Dave Reed ('00), Chrystina (Black) Steffy ('03), Kayla Good ('18),** and **Caleb King ('19)**.



Dr. Willard W. Radell

FACULTY NOTES (CONT.)

(continued from page 7)

Dr. Stephanie M. Jozefowicz presented “Résumé Night” at October’s Economics Club Meeting. Dr. Jozefowicz discussed tips for building a résumé and taking advantage of the many opportunities available on campus and off campus to distinguish oneself from other job/internship candidates.

Drs. Stephanie M. Jozefowicz, James J. Jozefowicz, and Yaya Sissoko attended the annual fall meeting of the Pennsylvania Economic Association board of directors, held at the Penn Stater in State College, PA, on Saturday, October 26, 2019. Stephanie Jozefowicz serves as PEA secretary, James Jozefowicz is an ex-officio member of the PEA board of directors, and Yaya Sissoko coordinates the annual PEA Best Student Paper Contest.

Dr. David B. Yerger’s paper, joint with MBA graduate Manaswita Choudhary, “Is it a Trump Bump, Spike, or Plateau? India’s Changing Interest in Canadian versus U.S. Universities” has been published in the *Journal of International Students*.

At the November 2019 Association for Canadian Studies in the United States (ACSUS) Conference, **Dr. David B. Yerger** was a panelist on the Breakfast Plenary Roundtable “Quebec Society in 2019: Current State and Future Prospects” along with the Chief Executive Officer of Fulbright Canada and faculty from institutions including the University of Montreal and Ecole nationale d’administration publique.

In addition, at the ACSUS Conference **Dr. David B. Yerger** presented new research: “Does Global Warming Denial Flow North? Evidence from U.S. and Canadian Search Activity.” He also continued his service on the ACSUS Executive Council and on the Executive Board for the Mid-Atlantic and New England Council of Canadian Studies.

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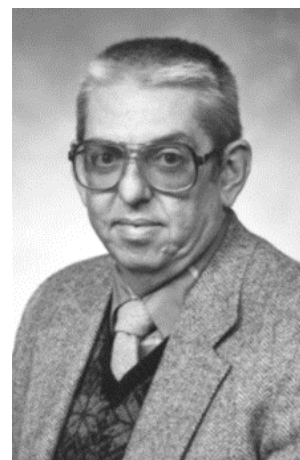
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In Memory

The Department of Economics is very sad to report that **Dr. Arthur H. Martel** passed away on Friday, November 15, 2019. Dr. Martel began his career at IUP in 1970 and retired in 2002, receiving Emeritus Professor status. Dr. Martel taught Labor Economics, Government and Business, and the Economics of Sports. He was Director of the Pre-Law Program and Co-Director of the Center for Economic Education. He was an avid Celtics, Patriots, and Red Sox fan. Dr. Martel was a wonderful teacher, colleague, and friend. He will be greatly missed.

Editor’s Note: Dr. Martel was interviewed in our Issue 37, Spring 2005, newsletter available at <https://www.iup.edu/economics/news/alumni-newsletters/>.



Dr. Arthur H. Martel

STUDENT NOTES

The following graduates received awards during the May 2019 Department of Economics Graduation Ceremony. *Congratulations to these award recipients as well as all of our graduates!*

- Bright Dismal Scientist Award, which is awarded annually to the graduating major chosen by the faculty on the basis of academic interest, achievement, and service: **Caleb King**
- Dr. Brewer Award, which is awarded annually to a female graduating major chosen by the faculty on the basis of academic achievement in Economics and professional character: **Shannon Ferguson**
- Dr. Jack D. Julian Memorial Award, which is awarded to the graduating major with the highest grade-point-average in Economics: **Olivia Habacivch** and **Katherine Williams**

In addition, the Department of Economics Honors Track graduates were: **Brooke Allen, Shannon Ferguson, Hailey Fisher, Olivia Habacivch, Garrett Haffner, Anthony Juhasz, Caleb King, Anthony Maticic, Maggie McGahen, and Nicole Trojanowicz.**

Congratulations to **Kaitlin Albright** and **Jesalyn Fada** whose paper titled, "How Demographic and Economic Variables Affect the Female Labor Force Participation Rate," won the Best Student Paper Contest at the 2019 Pennsylvania Economic Association (PEA) Conference held at Kutztown University. This marks the sixth time that IUP economics majors have earned first prize in the contest and brings IUP's total to nine awards since 2011.

Congratulations to the following 2019-20 Department of Economics scholarship recipients:

- *George A. Chressanthis Department of Economics Scholarship*: **Austin Thomas**
- *Nicholas Karatjas Scholarship for Economics*: **Alexa Hershberger**
- *Karl A. McDermott Scholarship for Economics*: **Danielle Hobbins**
- *Marimichael O'Halloran Skubel Memorial Scholarship*: **Jessica Downs**
- *Robert J. Stonebraker Scholarship for Economics*: **Abigail Redlich**
- *Donald A. Walker Department of Economics Scholarship*: **Cheyenne Maize**



Pictured from left to right: Alexa Hershberger, Austin Thomas, Jessica Downs, Cheyenne Maize, Abigail Redlich, and Danielle Hobbins

The Economics Club held a variety of activities this semester including hosting three alumni speakers, holding an Ice Cream Social and Game Night with the Professors, and participating in Downtown Indiana's *Into the Streets*. Economics Club officers for this academic year are:

- Brandon Lynd** – President
- Justin Foran** – Vice President
- Megan McCunn** – Secretary
- Bradley Mateo** – Treasurer
- Alexa Hershberger** – Social Media

Pictured from left to right are Alexa Hershberger, Megan McCunn, Brandon Lynd, Bradley Mateo, and Justin Foran.



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ALUMNI NEWS

Fall 2019
Department of Economics
Indiana University of Pennsylvania

In This Issue:

- **Dr. Michael Mann and Climate Change Science**
- **Scholarships: How You Can Help**
- **Student Spotlight**
- **Stephen Mihalacki and a “Free Lunch”**
- **Faculty, Alumni, and Student Notes**
- **And more!**