



NEWS RELEASE

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FIFTH CLASS OF WOODROW WILSON INDIANA TEACHING FELLOWS NAMED AT STATEHOUSE ANNOUNCEMENT

Governor Pence Greets New Teacher Candidates Bringing Real-World Science, Technology, and Math to High-Need Indiana Classrooms

INDIANAPOLIS, IN (May 22, 2013) – Today Governor Mike Pence announced the 2013 class of Woodrow Wilson Indiana Teaching Fellows. The Fellows are top recent graduates and accomplished career changers in science, mathematics, engineering, and technology (the STEM fields) who will teach math and science in Indiana’s urban and rural schools. *(See attached fact sheet and biographies.)*

Each Fellow receives a \$30,000 stipend to complete a special intensive master’s program at one of four Indiana partner universities—Ball State University, Indiana University-Purdue University Indianapolis, Purdue University, and the University of Indianapolis. These four universities have redesigned teacher preparation to focus on a year-long experience in local classrooms, as well as specific STEM teaching approaches.

“Indiana has the best teachers in the nation, and this class of the Woodrow Wilson Indiana Teaching Fellows will add to that talent pool,” said Governor Pence. “I am pleased to recognize the great academic accomplishments of our state’s future teachers and to celebrate the dynamic leadership they will bring to the important task of educating Hoosier students.”

Following a rigorous year-long application and selection process, the Foundation has named 30 new Woodrow Wilson Indiana Teaching Fellows, 28 of whom will start their programs this summer, with another two later in the year. After a year of classroom-based preparation, Fellows commit to teach for at least three years in a high-need Indiana school, with ongoing support and mentoring. The new Fellows, who begin their master’s work this summer, will be ready to enter their own classrooms in fall 2014.

Previous classes of WW Indiana Teaching Fellows have been named in 2009, 2010, 2011, and 2012, representing 226 new teacher candidates for Indiana. Members of the first three classes are now teaching around the state, with those named in 2012 now ready to enter the classroom on their own. One hundred percent of the Fellows certified to date have been placed, with a retention rate of 90 percent in the third year of the program—as compared with a 50 percent to 65 percent national retention rate for teachers in their first three years in the profession.

The Fellowship has been funded with grants from Lilly Endowment Inc. and supplemental state support. The Woodrow Wilson National Fellowship Foundation of Princeton, N.J. administers the program. Launched in Indiana in 2007, the Fellowship has since been established in three other states—Ohio, Michigan, and New Jersey.

“We estimate that the Woodrow Wilson Indiana Teaching Fellows named to date will reach more than 22,000 students every year,” said Arthur Levine, president of the Woodrow Wilson National Fellowship Foundation. “The Fellows represent a 25 percent annual increase in Indiana’s supply of STEM teachers. Veteran teachers are reporting that, even in their clinical year, Fellows are an extraordinary resource in the classroom. Beyond that, the four university partners have enhanced the way they prepare STEM teachers, and that too has a ripple effect for the other teachers they graduate, and for classrooms around the state.”

Founded in 1945, the Woodrow Wilson National Fellowship Foundation (www.woodrow.org) identifies and develops leaders and institutions to meet the nation’s critical challenges.

FACT SHEET: The 2013 Woodrow Wilson Indiana Teaching Fellows

About the Fellowships

- The goals of the Woodrow Wilson Teaching Fellowships are to:
 - attract the very best candidates to teaching;
 - put strong teachers into high-need schools;
 - cut teacher attrition and retain top teachers; and
 - transform university-based teacher education.
- The Fellowships recruit teachers—both recent college graduates and career changers—with strong backgrounds in the STEM fields (science, technology, engineering, and mathematics).
- Each Woodrow Wilson Teaching Fellow receives a \$30,000 Fellowship to complete a specially designed, cutting-edge master’s degree program, as preparation to teach in high-need urban or rural secondary schools.
- Fellows commit to teach for three years, with ongoing mentoring.
- Universities agree to redesign their teacher education programs.
- **Indiana was the first state to launch the Woodrow Wilson Teaching Fellowships**, with the first Fellows named in 2009. This year’s group is the **fifth class (or cohort) of Fellows in Indiana**.

About the 2013 Woodrow Wilson Indiana Teaching Fellows

- In 2013, the Foundation has named 30 Woodrow Wilson Indiana Teaching Fellows, 28 of whom will begin their studies this summer. They will attend Ball State University; Indiana University-Purdue University Indianapolis; Purdue University; and the University of Indianapolis.
- Of these new WW Indiana Teaching Fellows:
 - 93% (all but two Fellows) majored in a STEM discipline.
 - o 63% majored in the sciences, 20% in engineering and technology, and 10% in mathematics.
 - o Of the other two Fellows, one majored in accounting and finance; the other did extensive undergraduate work in mathematics and physics before pursuing the Ph.D. in another field.
 - 37% (11 Fellows) have done advanced degree work.
 - o Six Fellows have completed graduate degrees—one Ph.D. and five master’s degrees.
 - o Five more Fellows are currently working on master’s degrees in the sciences.
 - Most Fellows are dean’s list/honors graduates, with memberships in various academic honoraries.
 - While the majority of Fellows in the first three classes were changing careers to teach, the 2013 class continues last year’s trend toward college seniors and recent grads, or “career seekers.”
 - o One third—10 Fellows—graduated from their undergraduate institution this year.
 - o Another 40% (12 Fellows) have graduated within the last five years, including three who went on to master’s programs.
 - o Another 27% completed the undergraduate degree more than five years ago; six have more than a decade’s experience in the workforce, including such noted firms as Lilly, GM, and Procter & Gamble.
 - 53% are male—noteworthy in a profession where as many as three-quarters of practitioners are female—and 20% are teacher candidates of color (versus 15% in the overall teaching force).
 - The Fellowship continues to bring talented teacher candidates to Indiana: 23% of the 2013 Fellows come from out of state (from CA, TX, ND, IL, MI, OH, and PA).
 - Fellows are graduates of outstanding local, regional, and state institutions—including all four partner campuses, Butler University, and IU campuses—as well as such nationally noted colleges and universities as UCLA, Grinnell, the University of Michigan, and others.
 - Fellows remain deeply committed to community service. Most have volunteered with such organizations as Upward Bound, Junior Achievement, 4H, and Big Brothers/Big Sisters. Many are also very active in their faith communities and with youth sports teams.



PROFILES: Woodrow Wilson Indiana Teaching Fellows, 2013

Andrew Alvarez | Fort Wayne, IN | *Will attend:* Ball State University

- **Undergraduate college, class, and major:** Purdue University '12, chemical engineering

Math and science tutor for both adult learners and K-12 students; undergraduate researcher on year-long math project, with advanced math training through chemical engineering curriculum; Kaiser Chemical Scholarship winner; high honors graduate, high school; member, varsity track team.

Donna Barket | Lafayette, IN | *Will attend:* Purdue University

- **Undergraduate college, class, and major:** State University of New York, Albany '88, biological sciences (w/ chemistry minor)
- **Graduate institution and degree:** State University of New York, Albany '94, M.S. (molecular biology)

Lab researcher in pharmaceutical science with 15+ years' experience; member and president of board for local early childhood school; youth soccer coach, 5 years; company fundraising chair, Relay for Life/American Cancer Society.

Joseph Birrenkott | Durbin, ND | *Will attend:* Purdue University

- **Undergraduate college, class, and major:** University of North Dakota '13, chemistry

Chemistry tutor; general chemistry lab teaching assistant; residential teaching assistant, Upward Bound; cum laude graduate; University of North Dakota Presidential Scholarship recipient.

Mark Brouwer | Brownsburg, IN | *Will attend:* Indiana University-Purdue University Indianapolis

- **Undergraduate college, class, and major:** Grinnell College '91, philosophy
- **Graduate institution and degree:** Duquesne University '05, Ph.D. (philosophy)

Professor, philosophy, 14+ years' experience; faculty advisor; published author; undergraduate coursework in mathematics/physics.

Dee Ann Clutch | Anderson, IN | *Will attend:* Purdue University

- **Undergraduate college, class, and major:** Kettering University (formerly General Motors Institute) '78, mechanical engineering
- **Graduate institution and degree:** Indiana Wesleyan University '90, M.S. (management)

Engineer with 30+ years' experience in various roles in automotive component manufacturing; member, Tau Beta Pi engineering honor society; Dean's List student; former board member for Junior Achievement and community aquatics club; USA Swimming official; softball travel team Team Mom; former dance teacher.

Kelly Crider | Muncie, IN | *Will attend:* University of Indianapolis

- **Undergraduate college, class, and major:** Butler University '13, biology & chemistry (double major)

Science tutor for ESL students; Fresh Air Fund Camp science instructor; researcher in tropical field ecology, Smithsonian Tropical Research Institute, Panama; Dean's List student; recipient of multiple university academic awards including Top 100 Outstanding Students, Butler Summer Institute; member, Big Brothers, Big Sisters; College Mentor for Kids.

Michael Daniely | Greenwood, IN | *Will attend:* University of Indianapolis

- **Undergraduate college, class, and major:** Indiana University-Purdue University Indianapolis '05, accounting and finance

Honors/distinction graduate; recipient, IUPUI Top 100 Student Award, Top 10 Male Student Award; Dean's List student; volunteer, church high school and young adult ministry; former swim instructor and swim coach; former Indiana High School Athletic Association swimming and diving official; former Indiana Governor's Public Service Summer Intern.

Bryan DeWitt | Kokomo, IN | *Will attend:* Ball State University

- **Undergraduate college, class, and major:** Ball State University '12, cell biology (w/ music minor)
- **Graduate institution and degree:** University of Toledo '14 (*expected*), M.S. (molecular biology)

Molecular biology researcher with graduate coursework in cancer biology; undergraduate teaching assistant/instructor, introductory chemistry courses/labs; summer intern, Indiana University School of Medicine;

Dean's List student; Ball State University Resident Assistant of the Month; instructor/volunteer, high school marching band; church musician.

Corbin Feldhaus | Jeffersonville, IN | Will attend: University of Indianapolis

- **Undergraduate college, class, and major:** Indiana University, Bloomington '13, neuroscience/psychology (double major w/ biology minor)

Substitute teacher, southern Indiana elementary and high schools; member, Sigma Alpha Pi and Sigma Alpha Lambda leadership honoraries; undergraduate research assistant in schizophrenia study; three-year coordinator/counselor, camp for children of parents with cancer; volunteer, summer soccer aerobic training program, Jeffersonville High School; FIFA-sanctioned soccer referee.

Brigham French | Fishers, IN | Will attend: Ball State University

- **Undergraduate college, class, and major:** Utah Valley University '12, physics
- **Graduate institution and degree:** Ball State University '14 (*expected*), M.S. (physics)

College lab instructor, physics; teaching assistant, mathematics; published author, American Astronomical Society; presenter, 2012 American Astronomy Conference; participant, NASA high school outreach program; Society of Physics Students member; Cub Scout Den Leader; assistant director, children's theater; high school and college rugby player.

Shawn Hanes | Carmel, IN | Will attend: Indiana University-Purdue University Indianapolis

- **Undergraduate college, class, and major:** Indiana University Southeast '10, informatics (w/ philosophy minor)
- **Graduate institution and degree:** Indiana University-Purdue University-Indianapolis '14 (*expected*), M.S. (human-computer interaction)

I.T. professional with 13+ years' experience; substitute teacher, elementary/middle/ high school; mentor/tutor; honor roll student, Dean's List and Chancellor's List; presenting member/lab administrator, member, Bio-Informatics Research Group at IU Southeast; new student orientation leader, community advisor, Student Government Association Technology Officer; amateur chef.

KyLeigh Harnish | Muncie, IN | Will attend: Ball State University

- **Undergraduate college, class, and major:** Ball State University '11, biology (Genetics), premedical preparation coursework
- **Graduate institution and degree:** Ball State University '13, M.S. (physiology)

Dean's List student, Honors College; member, National Society of Collegiate Scholars, Phi Kappa Phi; graduate assistant, Department of Physiology and Health Science at Ball State; instructor, anatomy labs and lectures; health science and physiology researcher; undergraduate researcher, proteins in white blood cells; hospital volunteer.

Austin Hauser | Rome, IN | Will attend: University of Indianapolis

- **Undergraduate college, class, and major:** University of Indianapolis '13, physics/mathematics minor)

Dean's List student; physics tutor, lab teaching assistant, resident assistant; Student Government Treasurer, former Vice President; award recipient as Most Outstanding Junior and Sophomore in mathematics; National Athletic and Academic Scholar.

Nicole Holladay | Carlisle, PA | Will attend: University of Indianapolis

- **Undergraduate college, classes, and majors:** Michigan State University '11, zoology

Volunteer/intern with four years' experience in zoos and science museums, including animal behavior/training and youth volunteer management; chemistry lab learning/teaching assistant; Dean's List student, high honors graduate; study-abroad student in Kenya focusing on ecological aspects of animal behavior.

Jessica Hollenbeck | San Antonio, TX | Will attend: Indiana University-Purdue University Indianapolis

- **Undergraduate college, class, and major:** University of Michigan-Ann Arbor '96, chemistry (w/biochemistry minor)
- **Graduate institution and degree:** Indiana University-Bloomington '02, Ph.D. (biochemistry)

Assistant professor, biochemistry and organic chemistry, seven years' experience; faculty advisor, American Chemical Society Student Affiliates; volunteer in scientific enrichment, middle school and children's museum;

postdoctoral research fellow in biochemistry, University of Wisconsin, Madison; Shell Associate Instructor Award for excellence in undergraduate teaching.

Jarvis Huck | Beverly, OH | Will attend: Ball State University

- **Undergraduate college, class, and major:** Marietta College '13, mathematics (w/ economics minor)

Peer and high school tutor; Dean's List; member, Kappa Mu Epsilon-Math Honor Society, Omicron Delta Epsilon-Economics Honor Society, Phi Alpha Theta-History Honor Society; Math Club; high school Science Olympiad participant; assistant youth director for local church; farm hand.

Brittany Hull | Algonquin, IL | Will attend: Purdue University

- **Undergraduate college, class, and major:** Loyola University (Chicago) '12, biology (w/psychology/Spanish minors)

Dean's List student; peer mentor; education intern, Chicago Zoological Society/Brookfield Zoo, developed/managed school, group, and teacher programs; former president, Loyola University Women's Club Soccer Team; volunteer coach/instructor, youth soccer/softball.

Sergio Madera | South Bend, IN | Will attend: University of Indianapolis

- **Undergraduate college, class, and major:** Butler University '13, chemistry

Lab technician; Butler STEM scholar; Student Diversity Ambassador; organic chemistry lab assistant; student assistant, Multicultural Recruitment Team, Butler University Office of Admissions; Genetics Undergraduate Researcher (NSF Research Experiences for Undergraduates), University of Illinois, Urbana-Champaign; Spanish language volunteer, Lords Pantry; proficient in Spanish.

Michael McMaster | La Crescenta, CA | Will attend: Purdue University

- **Undergraduate college, class, and major:** University of California Los Angeles '10, biological sciences

College math/science tutor (including students with learning disabilities, ESL students); teaching assistant for Korean-American English learners; Dean's Honor Roll student; member, Phi Sigma Theta Honors Society; supplemental instruction instructor/tutor, Veterans' Upward Bound; volunteer and research associate, UCLA laboratories; peer counselor; graduate of high needs schools; outdoor enthusiast.

Sean McPherson | Denver, CO | Will attend: Purdue University

- **Undergraduate college, class, and major:** University of Notre Dame '13, science pre-professional studies (supplemental major: theology)

Undergraduate researcher; teacher, Notre Dame program providing lab equipment, demos, and training to high-need high schools; volunteer editor, high school newspaper program; intern and adult education volunteer, Holy Angels residence for persons with mild to severe special needs; participant, mission trip to Kolkata, India.

Lindsay Moore | Kokomo, IN | Will attend: Purdue University

- **Undergraduate college, class, and major:** Purdue University '12, engineering

Licensed engineering intern; director/instructor, elementary education program; volunteer, engineering service with students in Ghana and Turkey.

S. Rafeela Nalim | Carmel, IN | Will attend: Indiana University-Purdue University Indianapolis

- **Undergraduate college, class, and major:** University of Peradeniya, Sri Lanka '83, biology (w/ chemistry minor)
- **Graduate coursework:** Indiana University School of Medicine '05, Graduate Certificate (biotechnology); Indiana University-Purdue University Indianapolis, graduate coursework in molecular biology

Lab technician/researcher with over a decade's experience; tutor, School on Wheels, mobile tutoring service for homeless children; standardized test grader; elementary classroom assistant.

Ashley Owen | Paoli, IN | Will attend: University of Indianapolis

- **Undergraduate college, class, and major:** Indiana University-Purdue University Indianapolis '10, chemistry (w/ mathematics minor)

Chemist/training specialist in toxicology laboratory for four years; Scholar's List and Dean's List student; Dean of Science Scholar; high school valedictorian; elementary school tutor; general chemistry recitation leader at IUPUI; New Orleans hurricane relief volunteer; outdoor enthusiast; traveler.

Kyle Penrod | Warren, IN | Will attend: Ball State University

- **Undergraduate college, class, and major:** Ball State University '12, applied mathematics/physics

Top 10 student, high school graduating class; high school basketball coach; church missionary, two years, Philippines; quorum president; fluent in Tagalog, Hiligaynon, Karaya.

Kaitlin (Kate) Richmond | Bloomington, IN | Will attend: Ball State University

- **Undergraduate college, class, and major:** Hanover College '12, biology

Behavioral ecology researcher with biology, Earth/space science teaching experience; summa cum laude graduate; member, Tri Beta National Biology, Gamma Sigma Pi honoraries; volunteer, wildlife rehabilitation; teacher, elementary-age students, summer day camp; summer volunteer, science camp for diverse high school students; musician, ukulele, piano, flute, singer; amateur painter.

Ian Smith | Indianapolis, IN | Will attend: Indiana University-Purdue University Indianapolis

- **Undergraduate college, class, and major:** Purdue University '07, entomology
- **Graduate institution and degree:** Kansas State University '11, M.S. (entomology)

Nonprofit executive director, professional and personal development programs for middle school, high school, and college students; tutor/mentor, Upward Bound Math and Science; graduate research assistant/intern, entomology; undergraduate lab assistant; officeholder/member, Popenoe Graduate Student Entomology Club; treasurer, Minorities in Natural Resources and Related Sciences.

SaQuanda Turner | Flint, MI | Will attend: Indiana University-Purdue University Indianapolis

- **Undergraduate college, class, and major:** Baker College '11, information technology and security
- **Graduate institution and degree:** Eastern Michigan University '14 (*expected*), M.Ed. (educational psychology)

Dean's List student; member, Gamma Beta Phi National Honor Society; tutor, various subjects including math, composition, computer courses, economics; volunteer, 18+ years' experience with multiple organizations (4H, Youth Volunteer Corps, and Service Learning Ambassadors); co-founder, The Exponential Foundation, assisting Flint, MI youth to achieve academic excellence.

Warner (Turk) White, Jr. | Zionsville, IN | Will attend: University of Indianapolis

- **Undergraduate college, class, and major:** Purdue University '83, civil engineering

Measurement/analysis technician, water utility industry, with 20+ years' experience; process development and implementation, county government offices, nine years' experience; after-school tutor, elementary school; youth mentor; assistant Scoutmaster/Den Leader, Boy Scouts of America; 25+ years volunteer, former chairman, and director, Indiana youth leadership program.

Note: Of the 30 Fellows named for 2013, 28 (listed here) will begin their programs in summer 2013, with another two deferring for a later start due to other commitments.