



NEWS RELEASE

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WOODROW WILSON INDIANA TEACHING FELLOWS ANNOUNCED FOR 2011 *Scientists, Engineers, Top Grads Tapped for Innovative Program to Teach in High-Need Indiana Schools*

PRINCETON, N.J. (May 9, 2011) – Today at the Indiana Statehouse, Governor Mitch Daniels announced the 2011 class of Woodrow Wilson Indiana Teaching Fellows. The Fellows are accomplished career changers and outstanding recent college graduates in science, mathematics, engineering, and technology (the STEM fields) who will prepare for math and science teaching positions in the state’s urban and rural schools. (*See following fact sheet and biographies of Fellows.*)

Each of the 54 Fellows will receive 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. The Woodrow Wilson National Fellowship Foundation of Princeton, N.J. administers the program.

All four universities have redesigned teacher preparation to prepare teachers in local classrooms, the way physicians learn in hospitals and attorneys in law offices. Programs also include intensive emphasis on specific teaching approaches for the STEM fields. 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 announcement of Fellows comes at the conclusion of a rigorous year-long application and selection process. The new Fellows, who begin their master’s work this summer, will be ready to enter their own classrooms in fall 2012. Teachers from the first class of WW Indiana Teaching Fellows, named in 2009, are already working in classrooms around the state, and teachers from the 2010 cohort are now ready for their own classrooms.

“The multiplier effect, the ripple effect of what this program can do, we are already seeing,” says Gov. Daniels, who has championed the program since its inception. “In every school into which one of these remarkable Fellows parachutes, the quality of other teaching will go up. The expectations of the principal and superintendent for the next math and science teacher will go up. Each one of these Fellows will affect not merely the students who come into contact with them, but perhaps students who encounter a teacher who was inspired because they were in the same place with one of these teachers.”

Indiana became the first state to launch a Woodrow Wilson Teaching Fellowship program in December 2007, with the announcement of a grant of more than \$10.1 million from Lilly Endowment, Inc. to support the program. Supplemental state funding has brought the total to \$13 million to date. Since then, Michigan and Ohio have also created Woodrow Wilson Teaching Fellowships, and are poised to announce their first classes. Other states are in discussion.

“Woodrow Wilson Teaching Fellows are already having an impact in our high-need schools,” says Jeffrey K. Butts, superintendent of the Metropolitan School District of Wayne Township (IN). “We’ve seen firsthand their knowledge of math and science—and their excitement about teaching. These

fellows not only bring a strong focus on math and science, they are equipped to facilitate the learning of 21st century skills.”

The Woodrow Wilson National Fellowship Foundation anticipates that the Fellows will benefit not only students, but also teachers far beyond those awarded Fellowships, says Arthur Levine, president of the Woodrow Wilson National Fellowship Foundation.

“With some 180 Woodrow Wilson Indiana Teaching Fellows to date, we estimate that these teachers will reach more than 18,000 students every year,” says Levine. “The Fellows represent a 25 percent annual increase in Indiana’s supply of STEM teachers. Beyond that, the four university partners have changed the way they prepare STEM teachers, and we think that too has a ripple effect for the others 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 address critical national challenges, working through education. The Foundation supports its Fellows as the next generation of leaders shaping American institutions. It also supports innovation in the institutions they will lead.



FACT SHEET:

The 2011 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 **third class (or cohort) of Fellows in Indiana**.

About the Application and Selection Process

- For the 2011 Fellowship competition, more than 48,000 inquiries were received, generating a total of more than 1,500 applications.
- Selection included screening at the Foundation, a full-day interview process driven by three veteran STEM teachers based in Indiana, and a careful admissions review by the partner universities.

About the 2011 Woodrow Wilson Indiana Teaching Fellows

- There are 54 Fellows in the 2011 cohort of Woodrow Wilson Indiana Teaching Fellows. They will be attending Ball State University; Indiana University-Purdue University Indianapolis; Purdue University; and the University of Indianapolis.
- Of these new WW Indiana Teaching Fellows:
 - 98% majored in a STEM discipline: 54% in the sciences, 26% in engineering and technology, and 18% in mathematics.
 - 21% hold advanced degrees.
 - Most Fellows are dean’s list/honors graduates; 40% had a GPA of 3.5 or higher.
 - Many are either changing established careers or seeking new career paths:
 - o 40% completed the undergraduate degree more than five years ago; 44% are 30 years of age or over, with 10% age 50 or over.
 - o Another 38% are recent college graduates (five years or less) who are changing direction.
 - o 22% will graduate from their undergraduate institution this spring.
 - 46% are female, and 30% are minority.
 - The program is bringing new talent to Indiana: 30% of the 2011 Fellows come from out of state (as compared with 16% of the 2010 cohort and 5% in the 2009 cohort).



PROFILES: The 2011 Woodrow Wilson Indiana Teaching Fellows

Troy Ballard | Fort Wayne, IN | *Will attend: Ball State University*

- **Undergraduate college, class, and major:** Ball State University '78, chemistry

Forensic drug chemist, Indiana State Police Lab, 32 years (last 20 as supervisor); professional trainer, teacher, and mentor; courtroom witness and lab tour guide for visitors; graduate of a high-need rural school.

Alison Begley | Cincinnati, OH | *Will attend: Purdue University*

- **Undergraduate college, class, and major:** University of Cincinnati '10, chemical technology

Co-op student working with chemical and engineering firms, five terms; tutor, Cincinnati Public Schools; resident advisor; technical writer; creator of an undergraduate curriculum for teaching green chemical methods; craftsman.

Mellondie Benson | Indianapolis, IN | *Will attend: Indiana University-Purdue University, Indianapolis*

- **Undergraduate college, class, and major:** Indiana University-Purdue University Indianapolis '11 (expected), psychology/mathematics minor

Licensed pharmacy technician; math tutor, Boys and Girls Club; organizer, multicultural club; high school chemistry tutor; former grader for IUPUI math professors; Americorps member.

Carrie Bilodeau | Louisville, KY/West Point, NY | *Will attend: Purdue University*

- **Undergraduate college, class, and major:** Brandeis University '05, biology/history, minor in environmental studies
- **Graduate college, class, and major:** Brandeis University '06, history (M.A.)

Former zookeeper, veterinary keeper, animal lab technician, aviculturist; dean's list student; literacy volunteer; breeder (in Hawaii) of the most endangered bird in the world; recycling activist; college swimmer.

Kyle Booher | Marion, IN | *Will attend: Ball State University*

- **Undergraduate college, class, and major:** DePauw University '09, science

Substitute teacher; tutor, chemistry, algebra, physics, and Spanish, college and high school levels; volunteer high school football coach; instructor, tap dance and judo.

Brian Bruner | Cincinnati, OH | *Will attend: The University of Indianapolis*

- **Undergraduate college, class, and major:** University of Cincinnati '11 (expected), construction management/architectural engineering technology (double degree)

College math and physics tutor, all four years; summer high school math teacher and life coach, Cincinnati Public Schools; track and football athlete, high school through college; church treasurer.

Jennifer Buchman | Carol Stream, IL | *Will attend: The University of Indianapolis*

- **Undergraduate college, class, and major:** Grand Valley State University '08, cell and molecular biology
- **Graduate college, class, and major:** Purdue University '11 (expected), molecular biology (M.S.)

Research assistant and teaching assistant; veterinary medicine instructor, gifted students' summer program; Kids Church teacher and Bible study leader; tutor for special needs students; dean's list and honors graduate.

David Byron | Indianapolis, IN (Pittsburgh, PA) | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Clemson University '82, biology
- **Graduate college, class, and major:** Clemson University '84, entomology (M.S.); Virginia Polytechnic Institute '87, urban entomology (Ph.D.)

Entomologist in urban pest control with major agrosience firm for over a decade; corporate research director; longtime training facilitator; motivational speaker and youth/executive coach and consultant with teambuilding interests.

Kalalau Cantrell | Kapolei, HI | Will attend: Ball State University

- **Undergraduate college, class, and major:** Ball State University '11 (expected), music technology, minor in applied physics

Teaching assistant, college-level electronics; lab instructor; do-it-yourselfer in electronics, building simple circuits; performer and composer of electronic music, as well as piano and guitar; A/V technician; peer tutor.

Tanen Clark | Boxborough, MA | Will attend: Purdue University

- **Undergraduate college, class, and major:** Wellesley College '11 (expected), mathematics, minor in computer science

Tutor, grader, and supplemental instructor, college math; summer research grant recipient; multiple awardee, service and leadership; museum docent; founder and director of youth chorus for young people with physical and mental disabilities; pianist.

Crystal Collier | Lafayette, IN | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Florida A&M University '01, actuarial science

Adjunct instructor at Ivy Tech Community College, with insurance and accounting experience as an underwriter; substitute teacher and math tutor in the Chicago Public Schools.

Kelly Collins | Covington, IN | Will attend: Purdue University

- **Undergraduate college, class, and major:** University of Evansville '11, math/physics (double degree)

Supplemental instructor and tutor, college/high school math and physics; physics lab assistant; dean's list student ; grant recipient, summer math and physics research; member, Society of Physics and Math Club; rural school graduate.

Ryan Cox | Greenwood, IN | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Ball State University '09, industrial technology, minor in business

Communications technician; former intern, construction management; Habitat for Humanity volunteer; interested in gearing students toward success by engendering creativity in the classroom

Jamar Crutchfield | Cleveland, OH | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** John Carroll University '07, computer information systems

Software programmer, computer technician, network administrator, web developer, and business analyst; church youth instructor and assistant; assistant basketball coach; treasurer for college gospel choir and president, college software group.

Kimberly Cummings | Scipio, IN | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Ball State University '04, medical technology, minor in chemistry

Medical laboratory technologist with six years' experience; dean's list student; swim instructor; tutor; mentor at local church and participant in bus ministry, low-income youth; supplementary college chemistry instructor; rural school graduate.

John Curran | Lyndhurst, OH | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** University of Cincinnati '11 (expected), engineering, minor in business administration

University IT analyst and trainer for student staff; volunteer science classroom assistant, high-need public high school; undergraduate teaching assistant and college-level tutor; dean's list student/honors scholar; Sunday school teacher.

Christopher Dalrymple | Indianapolis, IN (Deltona, FL) | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Texas A&M University '05, chemistry, minor in mathematics

Published research associate and "outstanding chemistry major," organic chemistry; teaching assistant, freshman chemistry, and T.A. trainer; honors graduate; member of the American Chemical Society; do-it-yourselfer who makes own demonstration materials.

Kevin Easley | Cincinnati, OH | Will attend: Ball State University

- **Undergraduate college, class, and major:** Northern Kentucky University '07, construction management

Civil engineering technician/field engineer with five years' experience; tutor, high school physics; participant in urban youth outreach; graduate of a high-need rural school.

Cameron Foley | University Place, WA | Will attend: Ball State University

- **Undergraduate college, class, and major:** University of Washington '09, mathematics

Head math assistant and tutor in secondary-level math and reading; volunteer tutor in math, chemistry, English, and Spanish for low-income secondary students; four-sport letterman in football, track, wrestling, and baseball; award-winning scholar-athlete.

Robert Foote | Fort Wayne, IN | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Butler University '11 (expected), biology/Spanish (double degree)

Intern in ecology at a state park; member of College Mentors for Kids and participant in volunteer summer youth program, tutoring with high-need high school students; Sunday school teacher; vocalist and member of an a cappella group.

Michael Fowler | Whitestown, IN | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Rose-Hulman Institute of Technology '83, chemical engineering

Corporate engineer/production manager/hiring manager and trainer, 27 years; outdoorsman with interest in minimizing environmental impact of the chemical industry; rural school graduate; magna cum laude college graduate.

Kimberly Gordon | Indianapolis, IN | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Indiana University-Bloomington '95, biochemistry, minor in Spanish
- **Graduate college, class, and major:** Indiana University-Purdue University Indianapolis '99, biology (M.S.)

Biologist with Eli Lilly and Company, 10 years; teaching assistant, physiology labs; nephrology research technician; published researcher; substitute teacher; youth group facilitator with personal experience in urban youth challenges.

Kara Griffin | Indianapolis, IN | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Indiana University-Purdue University, Indianapolis '11 (expected), mechanical engineering

Substitute teacher and personal tutor in math, science, Spanish, special education, other fields; engineering and project management intern; Latino youth ambassador, strong Spanish skills; dean's list student with multiple academic achievement awards and professional affiliations.

Megan Hall | Fort Wayne, IN | Will attend: Ball State University

- **Undergraduate college, class, and major:** Ball State University '11 (expected), biology

Wildlife biology/marine biology intern in Australia; chemistry lab group leader; tutor; soccer camp counselor; childcare assistant; classified advertising manager, campus paper.

Veronica Helm | Indianapolis, IN | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Martin University '11 (expected), chemistry

College-level math tutor; STEM tutor for K-8 students; peer tutor in writing; dean's list/president's list student with perfect GPA in core courses; multiple award recipient; graduate of high-need urban schools.

Harold Hermanson, II | North Muskegon, MI | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Kalamazoo College '11 (expected), computer science

Teaching assistant/guest lecturer, computer science; senior departmental student advisor; co-teacher, computer camp for middle-school students; volunteer tutor, high school; varsity basketball and soccer player; senior project, teaching techniques for technical subjects.

Jade Jones | Philadelphia, PA | Will attend: Ball State University

- **Undergraduate college, class, and major:** Johnson C. Smith University '08, chemistry, minor in mathematics
- **Graduate college, class, and major:** Purdue University '11 (expected), chemistry (M.S.)

Teaching assistant/research associate, chemistry; Sloan Scholar (national graduate fellowship); assistant event leader, regional/state Science Olympiads (NC); mentor for math and science Upward Bound high school students; graduate of high-need urban schools.

Amy Lee | Lawrenceburg, KY | Will attend: Ball State University

- **Undergraduate college, class, and major:** University of Kentucky '09, chemical engineering (honors program)

Math/reading tutor, high school level; senior resident advisor; dorm monitor/mentor, high school information technology camp; Sunday school teacher and Girl Scout leader; graduate of high-need rural schools.

Gregory Liggins | Toledo, OH | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Wilmington (OH) College '03, mathematics

Substitute teacher; coordinator, in-school suspension program for at-risk students; former professional arena football player; football and basketball coach; college peer mentor; graduate of high-need urban schools.

Ashley Lynn | Indianapolis, IN | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Indiana University-Purdue University, Indianapolis '11 (expected), biology

College proctor/grader; former high school tutor and high school teacher's assistant; volunteer/spokesperson with retired racing greyhound adoption; graduate of a high-need urban school.

Hope McMannamy | Leesville, OH | Will attend: Ball State University

- **Undergraduate college, class, and major:** Capital University '09, biology (pre-med)

Teaching assistant, anatomy and physiology; volunteer tutor, elementary education; statistician for college volleyball team and campus spokesperson; participant/presenter, undergraduate honors symposium; graduate of a high-need rural school.

Moira McSpadden | Garland, TX | Will attend: Purdue University

- **Undergraduate college, class, and major:** Arizona State University '82, industrial technology (electric); '84, microelectronics engineering technology
- **Graduate college and degree:** Northeastern University '97, information systems (MS)

Business analyst of more than nine years, with experience in engineering (process and quality assurance); developer of training materials on new engineering processes.

Rachel Metheny | Indianapolis, IN | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** St. Joseph's College '89, psychology, minor in mathematics
- **Graduate college, class, and major:** Christian Theological Seminary '94, M.Div.; Graduate Theological Union '04, ethics/social theory (Ph.D.)

Adjunct professor, philosophy and religion; minister with over two decades' experience; associate pastor in high-need urban area for 14 years; youth/neighborhood worship leader; former research associate, professional and genetic ethics; basketball coach.

Elaine Morgan | Indianapolis, IN | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Butler University '08, chemistry, minor in Spanish

Substitute teacher in a high-need school and with special-needs students; undergraduate researcher in analytical chemistry; competitive swimmer who hopes to coach.

Randee Owens | Chicago, IL | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Indiana University-Purdue University Indianapolis '92, anthropology/religious studies (double degree)

Freshman biology mentor; substitute teacher/instructional assistant; business owner, investments; former ironworker; former nursing assistant/technician and hospital research assistant; Sunday school teacher and congregation's service co-chair; Girl Scout and PTO volunteer.

Saulo Rodriguez | Guaynabo, PR | Will attend: Ball State University

- **Undergraduate college, class, and major:** University of Puerto Rico—Rio Piedras '08, natural sciences

Undergraduate researcher, neurobehavioral lab; participant in rural service in Argentina; camp instructor, elementary and middle grades; S.A.T. preparation instructor; lifeguard; Eagle Scout; certification in animal surgery.

Shakoor Siddeeq | Indianapolis, IN | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Georgia Institute of Technology '00, electrical engineering

Engineering application and product designer/consultant; software engineer; former YMCA coach in soccer, running, basketball, football, chess; math/social studies tutor; patented inventor; youth activity coordinator/part-time instructor, Islamic center; graduate of high-need urban school.

Tyler Shelton | Anderson, IN | Will attend: Ball State University

- **Undergraduate college, class, and major:** University of Evansville '09, mathematics, minors in computer science and philosophy

Professional math tutor; former adjunct math professor, Ivy Tech Community College; dean's list student, every semester, and multiple scholarship recipient; former camp counselor; Bible fellowship group organizer; volunteer, Habitat for Humanity.

Steven Siereveld | Fort Thomas, KY | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Northern Kentucky University '98, justice studies major, minor in sociology; '10, physics, minor in mathematical sciences

Former police officer, working with Police Explorers (young people interested in law enforcement); business owner, machine shop/metal fabrication; has used physics in accident reconstruction, ballistics.

Mariana Snyder | Greenwood, IN | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Technical University, Varna, Bulgaria '98, environmental studies
- **Graduate college, class, and major:** Technical University, Varna, Bulgaria '98, environmental studies (M.S.)

Former surgical nurse; teacher in home country of Bulgaria; volunteer tutor/teacher's assistant in U.S.; speaker of Bulgarian and Russian with first-hand experience in the situation of students new to the United States.

Eric Sprague | Brownsburg, IN | Will attend: Indiana University-Purdue University, Indianapolis

- **Undergraduate college, class, and major:** Purdue University '06, biochemistry

Lab technician and analytical chemist in corporate and clinical settings; tutor with Indianapolis Boys and Girls Club; college chemistry tutor; leader/trainer for 2010 U.S. Census crew; award-winning research presenter.

Jeffrey Thompson | Edgewood, KY | Will attend: Ball State University

- **Undergraduate college, class, and major:** Thomas More College '07, environmental studies/biology

Quality control lab technician/quality assurance specialist; research assistant, environmental impact/fish habitat; docent and workshop leader on river ecosystems for K-12 students; fisheries intern; college baseball player and bowler; vice president, outdoor club.

Casey Varner | San Diego, CA | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Point Loma Nazarene University '06, biology
- **Graduate college, class, and major:** Mississippi State University '10, immunology/biology

Research associate, fish hatcheries and fish virology; aquaculture technician; paraprofessional working with special needs students; avid runner.

Charles Vaughn | Carmel, IN (St. Louis, MO) | Will attend: The University of Indianapolis

- **Undergraduate college, class, and major:** Washington University of St. Louis '76, electrical engineering

Former executive/ manager of two global companies, with 35 years' experience; member, 100 Black Men in Indianapolis; vice president of programs, Junior Achievement; former assistant Cubmaster; graduate of high-need urban schools.

Mark Vreeke | Granger, IN (Houston, TX) | Will attend: Purdue University

- **Undergraduate college, class, and major:** Calvin College '90, chemistry
- **Graduate college, class, and major:** University of Texas at Austin '95, chemistry (Ph.D.)

Widely published biomedical researcher and holder of 28 patents; vice president of research and development for biomedical company; founding partner, consulting firm; former visiting professor in Spain; multiple award winner.

Sharita Ware | Richmond, IN | Will attend: Purdue University

- **Undergraduate college, class, and major:** Purdue University '93, industrial engineering

Former computer-aided design instructor; marketing graphic design specialist; Sunday school teacher and youth group leader; active parent volunteer in the classroom; library volunteer.

Graham Whitcomb | Indianapolis, IN | Will attend: Ball State University

- **Undergraduate college, class, and major:** Purdue University '04, physics

Physics lab instructor and mentor for other instructors; software developer and database manager; dean's list student; peer tutor and coach; karate student; online gamer.

Note: The 2011 cohort includes six Fellows not named above who will defer their awards to 2012.