

NEWS RELEASE

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Note: Prospective Fellowship applicants should call 609-452-7007 x141 or email wwteachingfellowships@woodrow.org.

2014 CLASS OF W.K. KELLOGG FOUNDATION'S WOODROW WILSON MICHIGAN TEACHING FELLOWS NAMED AT CAPITOL

National Fellowship Announces Its Fourth Class of Michigan Fellows; Top Candidates Will Prepare to Teach Science, Technology, Math in State's Urban and Rural Schools

Lansing, Mich.—Today, at the Michigan State Capitol, Governor Rick Snyder introduced the 2014 W.K. Kellogg Foundation's Woodrow Wilson Michigan Teaching Fellows. These 43 outstanding teacher candidates—a longtime engineer who mentors new mothers, a physicist who has worked with superconductors at NASA's Jet Propulsion Laboratory, a Ph.D. studying environmental toxins in low-income communities, and many others—will prepare to teach in Michigan's high-need secondary schools. (See attached list of bios and factsheet on the 2014 class of Fellows.)

The W.K. Kellogg Foundation's Woodrow Wilson Michigan Teaching Fellowship recruits accomplished career changers and outstanding recent college graduates in science, technology, engineering, and mathematics (the STEM fields). The 2014 Fellows are the fourth class of new teacher candidates to be prepared through the program since the Fellowship was launched in Michigan in 2010.

"Michigan needs to develop talent for in-demand jobs so our students are best prepared for long and productive careers," Governor Rick Snyder said. "The W.K. Kellogg Foundation and the Woodrow Wilson National Fellowship Foundation should be commended for working to train people, many with experience in the STEM fields, to work in our urban schools, where they will share their knowledge as well as become an inspiration to young students."

Each Fellow will receive a \$30,000 stipend while completing an intensive master's-level teacher education program at a participating Michigan university, including Eastern Michigan University, Michigan State University, the University of Michigan, Wayne State University, and Western Michigan University. These institutions have committed and continue to commit to provide Fellows a full year of experience in local classrooms, as well as specific teaching approaches for the STEM fields—a clinically intensive model still rare in university-based teacher preparation.

Michigan school districts in which the Fellows undertake clinical practice include Ann Arbor, Battle Creek, Benton Harbor, Comstock, Detroit, Godwin Heights, Grand Rapids, Jackson, Kalamazoo, Lansing, Lincoln, and Ypsilanti. These districts partner with the participating universities to offer Fellows practical experience.

Since the program's inception in 2010, 239 Fellows have been named in Michigan. After their preparation, Fellows commit to teach for at least three years in a high-need Michigan school, with ongoing support and mentoring. The Fellows to date will have a projected eventual impact on the lives of more than 20,000 students each year.

"We take tremendous pride in these Fellows," said Arthur Levine, president of the Woodrow Wilson National Fellowship Foundation, which administers the program. "They are accomplished people, they are passionate about the STEM fields, and they are deeply committed to young people. They will change countless lives, and the campuses and districts they are working with are changing the way teachers are prepared."

The Woodrow Wilson Teaching Fellowship was launched in Michigan with \$18 million in support from the W.K. Kellogg Foundation. Other participating states include Indiana, Ohio, New Jersey, and Georgia. In each state, gubernatorial leadership and statewide coalition-building have been key to the creation of the program, as has a blend of private and public support. Several additional states are in discussion with the Woodrow Wilson Foundation about creating their own programs, said Levine.

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About the W.K. Kellogg Foundation

The W.K. Kellogg Foundation (WKKF), founded in 1930 as an independent, private foundation by breakfast cereal pioneer, Will Keith Kellogg, is among the largest philanthropic foundations in the United States. Guided by the belief that all children should have an equal opportunity to thrive, WKKF works with communities to create conditions for vulnerable children so they can realize their full potential in school, work and life.

The Kellogg Foundation is based in Battle Creek, Mich., and works throughout the United States and internationally, as well as with sovereign tribes. Special emphasis is paid to priority places where there are high concentrations of poverty and where children face significant barriers to success. WKKF priority places in the U.S. are in Michigan, Mississippi, New Mexico and New Orleans; and internationally, are in Mexico and Haiti. For more information, visit www.wkkf.org.

About the Woodrow Wilson National Fellowship Foundation

The Woodrow Wilson National Fellowship Foundation of Princeton, New Jersey (www.woodrow.org) identifies and develops leaders to meet the nation's most critical challenges. In 1945, the Foundation was created to meet the challenge of preparing a new generation of college professors. Today Woodrow Wilson offers a suite of fellowships to address national needs, including the education of teachers and school leaders.



FACT SHEET: The 2014 Woodrow Wilson Michigan Teaching Fellows

About the Fellowships

- The goals of the Woodrow Wilson Teaching Fellowships are to:
 - attract the very best candidates to teaching;
 cut teacher attrition and retain top teachers; and
 - put strong teachers into high-need schools;
- 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).
- The Fellowship was launched in Michigan with a grant of \$18 million from the W.K. Kellogg Foundation.
- 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 in Michigan for three years, with ongoing mentoring.
- Universities agree to redesign their teacher education programs.
- Partner campuses in the state are Eastern Michigan University, Grand Valley State University, Michigan State University, Wayne State University, Western Michigan University and University of Michigan.
- Michigan launched its Woodrow Wilson Teaching Fellowships in 2010, with the first Fellows named in 2011. This year's group is the **fourth class (or cohort) of Fellows in Michigan**.

About the 2014 Woodrow Wilson Michigan Teaching Fellows

- In 2014, 43 of the W.K. Kellogg Foundation's Woodrow Wilson Michigan Teaching Fellows have been named. They will begin their studies this summer.
- Of the new WKKF-WW Michigan Teaching Fellows:
 - 84% (36) majored in the sciences, 9% (4) in engineering, and 7% (3) in engineering; sample fields include bioengineering, nanotechnology, animal science, biostatistics, rheumatology, environmental science, and more.
 - 32% (14) have done advanced degree work.
 - o 14 Fellows have completed master's degrees—and four of those have gone on to complete Ph.D.s.
 - Many Fellows are Dean's List/honors graduates, holding memberships in various academic honor societies.
 - While 60% of the 2014 class are new and recent college grads, 40% are career changers and seasoned professionals.
 - Eleven Fellows, or 25%, graduated from their undergraduate institution this year.
 - Another 35% (15 Fellows) have graduated within the last five years, including five who have since completed master's programs.
 - Nearly 40% (17 Fellows) completed the undergraduate degree more than five years ago; of those, four Fellows have more recently (within the past five years) done master's degrees. Among these seasoned Fellows, nine have more than a decade's experience in the workforce.
 - Among this year's Fellows, 30% are male—noteworthy in a profession where as many as three-quarters
 of practitioners are female—and 30% are teacher candidates of color, compared with 16% in the overall
 teaching force.
 - Fellows remain deeply committed to community service. Most have worked with such organizations as AmeriCorps, Big Brothers/Big Sisters, and Boys and Girls Club. Many are also very active with church groups, youth sports teams, and other children's and community activities.



PROFILES:

The W.K. Kellogg Foundation's Woodrow Wilson Michigan Teaching Fellows, 2014

Brittany Adams | Kalamazoo, MI | Will attend: Western Michigan University

Undergraduate college, class, and major: Western Michigan University '13, biomedical sciences

University-level teaching assistant, biology/human physiology; recipient of summer research award including middle-school science teaching internship; mentor, Big Brothers Big Sisters; Howard Hughes Medical Institute Fellow; Dean's List student; NCAA Division I Gymnast.

Sarah Adcock | Brighton, MI | Will attend: The University of Michigan

Undergraduate college, class, and major: University of Michigan '09, environmental studies

Substitute teacher; education and outreach specialist, marine sanctuary; university-level research lab assistant; volunteer with a food quality program developing gardening, cooking, and nutrition lessons for elementary students.

Alexandra Benson | Holland, MI | Will attend: Wayne State University

Undergraduate college, class, and major: Hope College '14, chemistry

Undergraduate researcher, bioengineering, nanotechnology, and genomics; testing/quality assurance technician, local manufacturing company; laboratory teaching assistant; treasurer, Mortar Board; president, Chem Club; Dean's List student, every semester, and recipient of multiple academic awards/scholarships.

Kristen Bergh | Kalamazoo, MI | Will attend: Michigan State University

Undergraduate college, class, and major: Kalamazoo College '13, biology

Undergraduate researcher/lab technician, study of microbial activity after prairie fires; biochemistry teaching assistant; substitute teacher; intern, climate change and environmental science programs; proficient Japanese speaker; *magna cum laude* graduate, Phi Beta Kappa, Dean's List student.

Grace Blank | Holland, MI | Will attend: The University of Michigan

Undergraduate college, class, and major: Hope College '14, chemistry

Academic coach, Trio Upward Bound; undergraduate researcher on green energy with bioeconomy institute; high school chemistry tutor; university teaching assistant, chemistry lab; secretary, Chemistry Club; homeschool biology teacher.

Shannon Bourke | Pinckney, MI | Will attend: Eastern Michigan University

- Undergraduate college, class, and major: Eastern Michigan University '12, physics
- Graduate college, class, and major: Eastern Michigan University '14, M.S., physics education

Physics department graduate assistant; physics tutor; student intern, super conducting materials, NASA's Jet Propulsion Laboratory; graduate fellowship award recipient; senior thesis award recipient; member, American Association of Physics Teachers; chapter president, Society of Physics Students.

Irene Burch-Travis* | Detroit, MI | Will attend: Western Michigan University

Undergraduate college, class, and major: Western Michigan University '13, biochemistry

Tutor, math and science; assistant child care provider, daycare; teaching assistant, Western Michigan Biology Department; laboratory technician, ensuring product quality; vice president, organization for foster youth in higher education; co-facilitator, First Year Seminar at Western Michigan University.

Klaudia Burton | Flushing, NY | Will attend: Michigan State University

Undergraduate college, class, and major: St. John's University '14, biology

Medical secretary; president, Watson Pre-Health Honor Society; medical supplies collection co-chair, nonprofit health and sustainable development organization; member, Haraya Pan-African Student Coalition; Dean's List student; graduate of high-need schools; community service volunteer, public elementary schools.

Emily Cizmas | Clinton Township, MI / Will attend: Wayne State University

Undergraduate college, class, and major: University of Michigan '14, nuclear engineering

Volunteer with Detroit Area Pre-College Engineering Program (DAPCEP), Detroit Partnership, and Macomb Science Olympiad; University teaching assistant; organized/taught "Physics of Music" for second grade students; research assistant at University of Missouri Sydney Kimmel Institute for Nuclear Renaissance (SKINR)..

Mark Duhaime | Troy, MI | Will attend: Wayne State University

Undergraduate college, class, and major: University of Michigan '10, mathematics

Senior AutoCAD technician; volunteer tutor, middle- and high school mathematics; Dean's List student and *summa cum laude* graduate; recipient, Outstanding Achievement in Mathematics Award recipient and other academic awards; volunteer, church hunger program; volunteer chaperone, fifth-grade camping trip.

Katrina Esch | Gresham, OR | Will attend: Wayne State University

Undergraduate college, class, and major: Michigan State University '97, zoology

Science instructor, elementary after-school programs; substitute instructional assistant, Title I and special education; experimental biology aide; volunteer, wildlife rehabilitation; scientific aide, threatened and endangered species; church youth teacher.

Julianne Fischer | Wyoming, MI | Will attend: Western Michigan University

- Undergraduate college, class, and major: Michigan State University '08, animal science
- Graduate college, class, and major: University of Kentucky '14, M.S., veterinary science

Adjunct college faculty, equine health care; graduate research assistant; conference assistant, International Conference on Equine Infectious Diseases IX; assistant editor, journal on equine science; adjunct instructor, equine and sport studies; veterinary assistant.

Raven Fisher | Detroit, MI | Will attend: Western Michigan University

Undergraduate college, class, and major: Kalamazoo College '14, mathematics

Math tutor abroad in Ecuador; civic engagement scholar, hiring tutors to assist low-income students; literacy tutor, elementary level; counselor, math camp for seventh and eighth grade; chapter president, Black Student Organization; recipient of Women's Council Scholar9iships, awarded for outstanding achievements.

Jessica Forsman | Marquette, MI | Will attend: Michigan State University

Undergraduate college, class, and major: Northern Michigan University '14, biology/physiology

Medical office assistant; volunteer, winter sport programs for individuals with disabilities; volunteer, Habitat for Humanity; recipient of multiple academic awards.

Jessica Gadsden-Gray | Nashville, TN / Will attend: The University of Michigan

- Undergraduate college, class, and major: Tennessee State University '98, chemistry
- Graduate college, class, and major: Tennessee State University '03, M.S., chemistry; Meharry Medical College '13, Ph.D., biochemistry & cancer biology

Postdoctoral fellow, neuroscience/pharmacology, evaluating environmental hazards and toxin exposure in minority and low-income communities; author of study on brain damage caused by a common chemical warfare agent; graduate research assistant; author of multiple published articles and abstracts; chemistry tutor; elementary and middle school volunteer.

Marta Gilson | Baltimore, MD | Will attend: Eastern Michigan University

- Undergraduate college, class, and major: Siena Heights University '87, mathematics & computer information systems
- Graduate college, class, and major: Western Michigan University '90, M.S., biostatistics; The Johns Hopkins University '06 Ph.D., epidemiology

Independent consultant, statistical and clinical trials; research faculty member, Johns Hopkins School of Medicine; university teaching assistant, biostatistics; author of 100 peer-reviewed research articles; recipient of multiple teaching and service awards; math tutor; member of advisory group on women in science and medicine; *summa cum laude* graduate.

Alexander Greig | New Caanan, CT | Will attend: The University of Michigan

Undergraduate college, class, and major: Augsburg College '14, mathematics

Assistant teacher/mathematics tutor, middle-school level; private math tutor, elementary level; volunteer, middle school youth group; college residential facilities coordinator and community advisor; fluent Spanish speaker; volunteer, mission trips to Chicago, Puerto Rico, Louisiana, and California; Dean's List student.

Anura Hewagama | Ann Arbor, MI | Will attend: Eastern Michigan University

- Undergraduate college, class, and major: University of Sri Jayewardenepura '85, biology & chemistry
- Graduate college, class, and major: Eastern Michigan University '92, M.S., chemistry; Wayne State University '99, Ph.D., biochemistry and molecular biology

Rheumatology research investigator; human genetics/bioinformatics research lab specialist; postdoctoral research fellow; graduate teaching assistant and lab supervisor for undergraduates; author of multiple peer-reviewed articles and abstracts; editorial board member and invited reviewer; captain, college cricket and badminton teams.

Daniel Houvener | Marquette, MI | Will attend: Western Michigan University

Undergraduate college, class, and major: Northern Michigan University '13, biology

Research assistant, biology department; field research assistant, mammal research expedition in Canada; biology lab assistant, community college; member of nature club, environmental science group, and birders group; *cum laude* graduate.

Amanda Jones | Plymouth, MI | Will attend: Eastern Michigan University

Undergraduate college, class, and major: Michigan State University '08, zoology

Zookeeper, primate unit; mammal intern, zoological society; intern for two-week field visit, Kenya; executive board member, Zoological Students Association and American Association of Zookeepers; volunteer for career days at local middle schools and high schools;

Corey Kapolka | Athens, OH | Will attend: Michigan State University

- Undergraduate college, class, and major: Grand Valley State University '10, biology
- Graduate college, class, and major: Ohio University '14, M.S., environmental & plant biology

Quality assurance laboratory technician, private industry; university lab technician, biology/biomedical sciences; Dean's List student; university teaching assistant; author of published research at both graduate and undergraduate level; recipient of multiple awards and scholarships; martial arts instructor (kendo).

Daniel Keto | Kalamazoo, MI | Will attend: Western Michigan University

Undergraduate college, class, and major: Michigan State University '91, biological sciences

Interpretive naturalist and director of camp programs in Michigan nature center, 18+ years; nature center liaison, creating educational materials for grade school science programs; 2011 Master Front-Line Interpreter Award recipient.

Stephanie Kirklin | Southfield, MI | Will attend: Wayne State University

Undergraduate college, class, and major: University of Detroit Mercy '98, mechanical engineering

Former test, process, and application engineer; substitute teacher; tutor, ACT and algebra; educator and mentor for postpartum women and families; certified doula; fluent Spanish speaker; recipient of national scholarships and awards.

Tatiana Knight | Ypsilanti, MI | Will attend: Eastern Michigan University

- Undergraduate college, class, and major: Evergreen State College '94, environmental science
- Graduate college, class, and major: University of Cambridge '97, '00, postgraduate certificate and diploma
 in English language teaching to adults

University lecturer, 7+ years, in English as a second language; English instructor abroad, 12+years, all levels including elementary and professionals; science camp director and owner, educating children in outdoor environment; instructor, tai chi and yoga.

Matthew Kobe | Mount Pleasant, MI | Will attend: Michigan State University

- Undergraduate college, class, and major: Central Michigan University '11, biology
- Graduate college, class, and major: Central Michigan University '14, M.S., biology

University-level assistant teacher; volunteer middle school religious school teacher; fish aficionado with time working as a fisheries technician and a membership in the American Fisheries Society; Dean's List student.

Betsy Lau | Ann Arbor, MI | Will attend: Eastern Michigan University

Undergraduate college, class, and major: Eastern Michigan University '10, chemistry

Graduate teaching assistant; tutor, university-level chemistry, Japanese, mathematics, and physics; church youth group counselor; volunteer, community service in Detroit; assistant photographer; proficient speaker, Japanese and Cantonese.

Walter Mathis | Detroit, MI | Will attend: Wayne State University

Undergraduate college, class, and major: Jackson State University '10, chemistry

Substitute math and science teacher; university-level analytical research chemist; student intern, police department crime lab; graduate of high-need schools; professional member of American Chemical Society and National Organization for the Professional Advancement of Black Chemists and Chemical Engineers.

Kathryn McDonald | Bloomfield Hills, MI | Will attend: Wayne State University

- Undergraduate college, class, and major: Michigan State University '86, biology & environmental science
- Graduate college, class, and major: University of Wisconsin '89, M.S., environmental science & policy

Naturalist, 12+ years, conducting field trips for K-12 students; regulatory biology/wetlands biologist, U.S. Army Corps of Engineers, 7 years; research assistant, water quality and wetland studies; branch president, Women's National Farm & Garden Association; volunteer, 6+years, pre-school setting.

Calvin Nellum | Fairfax, VA | Will attend: Wayne State University

Undergraduate college, class, and major: Norfolk State University '14, physics

Undergraduate researcher, Norfolk State School of Material Science and University of Michigan Department of Physics; undergraduate assistant researcher in astrochemistry, University of Virginia; summer science camp mentor; volunteer, church STEM outreach program; motivational speaker, middle- and high school students.

Marci Oliver | Detroit, MI | Will attend: Wayne State University

Undergraduate college, class, and major: Wayne State University '98, biology

Substitute teacher, 16+ years, at the elementary, middle, and high school level; undergraduate researcher, molecular biology; church summer camp leader and curriculum developer; recipient, Most Outstanding Undergraduate Research Award.

Emily Phillips | Detroit, MI | Will attend: Wayne State University

Undergraduate college, class, and major: University of Michigan '11, environmental science

Service program member, building literacy programs in Detroit Public Schools; project leader, Student Conservation Association; co-founder, S.E. Michigan's Sierra Club Inner City Outings; educator for marine sanctuary; volunteer math and English instructor, Tanzania placement.

Ezra Piller | Kalamazoo, MI | Will attend: Western Michigan University

- Undergraduate college, class, and major: Western Michigan University '08, biology
- Graduate college, class, and major: Western Michigan University '12, biology

Substitute teacher; ecology graduate assistant; field research technician in entomology at the University of Notre Dame, University of Missouri, St. Louis, and University of California, Santa Cruz; WMU Biology Club president; study abroad student, tropical biology in Belize.

Jacob Sable | West Bloomfield, MI | Will attend: Michigan State University

Undergraduate college, class, and major: The University of Michigan- Dearborn '14, physics

University center ambassador; student researcher, electrical and computer engineering; volunteer, urban farming initiative; tutor, high school chemistry; recipient, Youth Volunteer Leadership Award; recipient of multiple academic scholarships.

Jonathan Saylor | Andover, MA | Will attend: Eastern Michigan University

Undergraduate college, class, and major: Eastern Michigan University '06, professional geology

Field geologist, 5+ years; project scientist, environmental site assessments; field study participant, geological mapping in Wyoming, Montana and South Dakota; certified, OSHA Hazardous Waste Operations and Emergency Response and CPR; team captain, Ultimate Frisbee Club.

Bailey Steely | Richland, MI | Will attend: Western Michigan University

Undergraduate college, class, and major: Western Michigan University'13, biomedical sciences

Dean's List pre-med student; in-home caregiver, specials needs children; volunteer, animal shelter; member, area running club; church musician/band member; volunteer, Sunday school education.

Alexander Stephens | Portage, MI | Will attend: Western Michigan University

Undergraduate college, class, and major: Western Michigan University '13, chemistry & psychology

University research assistant, chemistry laboratory; university teaching assistant, psychology and chemistry; teacher and mentor, campus rape prevention and education organization; Dean's List student.

Anthony Tedaldi | Brooklyn, NY | Will attend: The University of Michigan

- Undergraduate college, class, and major: St. John's University '10, chemistry
- Graduate college, class, and major: St. John's University '14, M.S., chemistry

Tutor, chemistry and mathematics, university tutoring center and university athletics program; graduate assistant, chemistry; adjunct chemistry professor; division leader, summer camp for elementary and middle school children; Dean's List student, every semester.

Hannah Weaver | Whitefish, MT | Will attend: The University of Michigan

Undergraduate college, class, and major: Lafayette College '14, physics

Goldwater Scholar; undergraduate researcher, physics; research scholar, physics and classics; supplemental instructor, physics department; online tutor, calculus; performing member, percussion ensemble; chapter president, physics club; author of peer-reviewed article and conference presentations; Dean's List student, every semester.

Mallory Westmoreland | Portage, MI | Will attend: Western Michigan University

Undergraduate college, class, and major: Western Michigan University '08, mechanical engineering

Aerospace project engineer in private industry, 5+ years; chapter president, engineering honor society; head coach, area running club for girls; elementary-level coach, creative problem-solving competition; volunteer, Special Olympics softball; participant in nanotechnology research program in Brazil; student ambassador, Western Michigan University; Dean's List student.

Kaitlynn Wilson | Ypsilanti, MI | Will attend: The University of Michigan

- Undergraduate college, class, and major: The College of Wooster '12, chemistry
- Graduate college, class, and major: The University of Michigan '14, M.S., chemistry

Graduate student mentor and intructor, chemistry; tutor, physical and organic chemistry; lab assistant, organic chemistry; published research; *magna cum laude* graduate; recipient, 10+ awards and scholarships for chemistry at the university level; swim instructor.

Katelynn Woodhams | South Haven, MI | Will attend: Western Michigan University

- Undergraduate college, class, and major: Coe College '06, biology
- Graduate college, class, and major: University of Wisconsin '13, Ph.D., microbiology

Adjunct instructor, general biology and microbiology lab; Howard Hughes Medical Institute Fellow; teaching assistant; tutor, 7+ years, university, high school, and elementary level; postdoctoral researcher; published author, numerous peer-reviewed publications and abstracts.

Michelle Yun Jin Yang | Montreal, Canada | Will attend: Wayne State University

• Undergraduate college, class, and major: McGill University '14, agricultural and environmental science Research assistant, natural resources soil and water quality; farm intern; instructor, pre-school and kindergarten-

Research assistant, natural resources soil and water quality; farm intern; instructor, pre-school and kindergarten level math, science and English; youth mission volunteer, aiding villages and children in Mexico; camp counselor; teacher assistant; fluent speaker of Korean.

Tahani Zeid | Ann Arbor, MI | Will attend: The University of Michigan

- Undergraduate college, class, and major: University of California, Berkeley '09, chemical engineering
- Graduate college, class, and major: University of California, Los Angeles '10, M.S., chemistry

Outreach education coordinator, computer sciences; director of educational technology, nonprofit organization to educate children in STEM; outreach instructor, high school nanoscience; fellow, Materials Creation Training Program.

*Fellow first named in 2013; deferred program start to 2014.