

University of Indianapolis

Woodrow Wilson
Teaching Fellows Program

*Training STEM teachers for
today's urban, high-need schools*



Proposed Program Design

- Orientation Project—5 weeks in summer (4 cr.)
- Semester I: Projects and School Immersion (12 cr.)
 - Fellows tutor and assist in classrooms 3.5 days a week
 - Fellows attend project seminars 4 afternoons/evenings a week
- Semester II: Projects and Student Teaching (12 cr.)
 - Fellows will be responsible for own classroom
 - Fellows attend project seminars 2 afternoons/evenings a week
- Capstone Project—5 weeks in summer (4 cr.)

Licensure granted



Proposed Program Design, continued

- Year Two of Program

 - First year of full-time teaching

 - Induction and Mentoring Project (2 cr.)

 - Action Research Project (2 cr.)

 - M.A.T. degree granted at end of year (36 cr. total)

- Ongoing Mentoring

 - UIndy/districts Fellows mentoring program

 - State-wide Fellows e-mentoring program

Framework for Projects

All projects will involve more than one faculty member, and will include relevant material from core education courses, including:

- Foundations of American Education
- Urban Education
- Adolescent Development
- STEM Content Methods
- Curriculum and Instruction
- Teaching Linguistic and Cultural Minority Students
- Teaching in Inclusive Settings

Framework for Projects, continued

All projects will engage Fellows in a variety of activities, including:

- attending lectures and consultations with experts
- reading and writing case studies
- finding, reading and discussing articles from peer-reviewed education journals
- collecting and organizing qualitative and quantitative data
- analyzing classroom activities and artifacts
- creating lesson plans and curricula
- collaborating with colleagues
- using current technologies



Project #1: Orientation

Indianapolis Communities and Cultures

- Fellows are introduced to Indy communities by paid student mentors
- Fellows research Indy via interviewing student mentors and their families, riding IndyGo bus routes, reviewing census data, completing GIS-based demographic analysis, learning about Indy's history, reading core texts in multicultural education, attending city summer events
- Fellows work in groups to produce and present a neighborhood/district ethnography



Semester I: Possible Projects

- Project #2: Adolescence in Urban America (Fall)
- Project #3: Educational Theories and Classroom Practice (Fall)
- Project #4: Science and Math Pedagogy: Disciplinary 'Big Ideas' and Ways to Teach Them (Fall)



Semester II: Possible Projects

- Project #5: Urban Schools and Schooling
(Spring)
- Projects #6 and #7:
Clinical Practice/Teaching Portfolio
(Spring)



Project #8: Capstone

- Debrief and reflect on the past year
- Develop classroom management plan
- Develop first four weeks of lesson plans
- Design a research proposal for next year's action research project



