

**The Fulbright-Cottrell Junior Faculty Professional Development Workshop
June 18 - 20, 2018 at the Hotel Riu Plaza Berlin**

MONDAY, JUNE 18th

Morning Session

- 09:30 - 10:30** Registration
- 10:30 - 10:45** **Welcome: Workshop description and Goals**
Jun.-Prof. Olalla Vazquez (Chemistry, Marburg)
Assoc. Prof. Carla Fröhlich (Astrophysics, NC State University Raleigh)
- 10:45 - 11:10** **Overview Fulbright** – *Jamie Moore (Fulbright Kommission, Berlin)*
Overview RCSA – *Dr. Silvia Ronco (Research Corporation, Tucson)*
- 11:10 - 11:25** **Evidence behind Evidence-Based Teaching**
Prof. Andrew Feig (Chemistry, Wayne State University Detroit)
- 11:25 - 11:45** **Evidence-based Learning**
Prof. Christiane Reiners (Chemistry Education, Köln)
- 11:45 - 12:30** **Phase Diagram Exercise**
Prof. Andrew Feig (Chemistry, Wayne State University Detroit)
Asst. Prof. Kathryn Haas (Chemistry, St. Mary's College South Bend)
- 12:30 - 14:00** Lunch

Afternoon Session

- 14:00 - 14:50** **Finding your strengths: Communication & Leadership**
Prof. Rigoberto Hernandez (Chemistry, Johns Hopkins University Baltimore)
Jun.-Prof. Olalla Vazquez (Chemistry, Marburg)
- 14:50 - 15:30** **Mentoring**
Prof. Rory Waterman (Chemistry, University of Vermont Burlington)
Prof. Corinna Hess (Chemistry, München)
- 15:30 - 15:50** Coffee Break
- 15:50 - 16:25** **Conflict resolution Case Studies**
Assoc. Prof. Carla Fröhlich (Astrophysics, NC State University Raleigh)
Prof. Christian Hackenberger (Chemistry, Leibniz)
- 16:25 - 16:45** **Networking 1-2-3**
Prof. Jairo Sinova (Physics, Mainz)
Prof. Steffen Schumann (Physics, Göttingen)
- 16:45 - 17:30** **Panel: Top Challenges as Junior Faculty**
Prof. Jairo Sinova (Physics, Mainz)
Jun.-Prof. Ute Hellmich (Chemistry, Mainz)
Panelists:
Prof. Christian Hackenberger (Chemistry, Leibniz), Prof. Christiane Reiners (Chem. Education, Köln), Prof. Corinna Hess (Chemistry, München), Prof. Rigoberto Hernandez (Johns Hopkins University Baltimore)
- 17:30 - 18:00** Coffee Break
- 18:00 - 18:45** **2018 Fulbright-Cottrell Award Presentation**
- 18:45 - 20:00** Reception and Dinner

TUESDAY, JUNE 19th

Morning Session

- 09:00 – 9:20** **Just in Time Teaching**
Prof. Andrew Feig (Chemistry, Wayne State University Detroit)
Prof. Steffen Schumann (Physics, Göttingen)
- 9:20 – 9:40** **Backward Design and Learning Taxonomies**
Prof. Rory Waterman (Chemistry, University of Vermont Burlington),
Asst. Prof. Kathryn Haas (Chemistry, St. Mary's College South Bend)
- 9:40 – 10:30** **Work product 1: Making an element of content active**
Prof. Andrew Feig (Chemistry, Wayne State University Detroit)
Asst. Prof. Kathryn Haas (Chemistry, St. Mary's College South Bend)
Prof. Steffen Schumann (Physics, Göttingen)
- 10:30 - 10:50** Coffee Break
- 10:50 – 11:40** **Articulating your vision – opportunities and challenges**
Prof. Jairo Sinova (Physics, Mainz)
Assoc. Prof. Carla Fröhlich (Astrophysics, NC State University Raleigh)
- 11:40 – 12:30** **Diversity**
Prof. Rigoberto Hernandez (Chemistry, Johns Hopkins University Baltimore)
Prof. Christiane Reiners (Chemistry Education, Köln)
- 12:30 - 14:00** Lunch

Afternoon Session

- 14:00 – 14:25** **Formative and Summative assessment of student learning**
Prof. Andrew Feig (Chemistry, Wayne State University Detroit)
Jun.-Prof. Ute Hellmich (Chemistry, Mainz)
- 14:25 – 15:10** **Work product 2: Preparing a formative assessment**
Prof. Rory Waterman (Chemistry, University of Vermont Burlington)
Jun.-Prof. Ute Hellmich (Chemistry, Mainz)
Jun.-Prof. Olalla Vazquez (Chemistry, Marburg)
- 15:10 – 15:30** **Cures**
Jun.-Prof. Olalla Vazquez (Chemistry, Marburg)
Prof. Rory Waterman (Chemistry, University of Vermont Burlington)
- 15:30 - 16:00** Coffee Break
- 16:00 - 17:45** **The Teacher-Scholar model: Promoting excellence in research and education**
Prof. Andrew Feig (Chemistry, Wayne State University Detroit)
Prof. Rory Waterman (Chemistry, University of Vermont Burlington)
Dr. Silvia Ronco (Research Corporation, Tucson)
- 17:45 - 19:15** Dinner
- 19:15 - 19:45** Bus M29 to SO36
- 20:00 - 22:00** **Trilateral Science Slam**
- 22:00 - 23:00** **Après-slam party**

WEDNESDAY, JUNE 20th

Morning Session

08:30 – 9:45 **Presentations by participants of their work products**

9:45-10:00 **Reporting out on presentations**

10:00 – 10:40 **Examples of implementation in Germany, Part 1**

Jun.-Prof. Ute Hellmich (Chemistry, Mainz)

Prof. Steffen Schumann (Physics, Göttingen)

Prof. Jairo Sinova (Physics, Mainz)

Jun.-Prof. Olalla Vazquez (Chemistry, Marburg)

10:40 - 11:00 Coffee Break

11:00 - 11:40 **Examples of implementation in Germany, Part 2**

11:40 – 12:10 **Time management**

Prof. Rory Waterman (Chemistry, University of Vermont Burlington)

Prof. Christian Müller (Chemistry, FU Berlin)

12:10 - 13:15 Lunch

Afternoon Session

13:15 – 14:00 **Engaging and motivating students and colleagues**

Prof. Rigoberto Hernandez (Chemistry, Johns Hopkins University Baltimore)

Asst. Prof. Kathryn Haas (Chemistry, St. Mary's College South Bend)

14:00 – 14:40 **Grant Writing**

Dr. Ilka Paulus (DFG)

14:40 - 15:00 Coffee Break

15:00 – 15:30 **Grant writing**

Prof. Jairo Sinova (Chemistry, Mainz)

Prof. Olga Garcia Mancheño (Chemistry, Münster)

15:30 – 16:10 **Panel: Grant writing**

Prof. Andrew Feig (Chemistry, Wayne State university Detroit)

Assoc. Prof. Carla Fröhlich (Astrophysics, NC State University Raleigh)

Panelists:

Prof. Jairo Sinova (Physics, Mainz), Prof. Christian Müller (Chemistry, FU Berlin),

Dr. Ilka Paulus (DFG), Prof. Garcia Mancheño (Chemistry, Münster)

16:10 – 16:30 **Wrap-up**

Jun.-Prof. Olalla Vazquez (Chemistry, Marburg)

Assoc. Prof. Carla Fröhlich (Astrophysics, NC State University Raleigh)