Lawrence Fellowship Symposium
August 14th, 9:00 A.M.-5:30 P.M.
LLNL, B543 Grand Canyon Room*

Registration 9:00-9:30 A.M.

Introductory Remarks 9:30-10:00 A.M.
Director Goldstein, Dr. John Knezovich, Dr. Kris Kulp

Biology Block 10:00 A.M.–12:00 P.M.
Alex Noy **10:00 A.M.-10:30 A.M.**
"Bioelectronics and molecular transport with 1D nanomaterials"

Amanda Randles **10:30 A.M.-11:00 A.M.**
"Understanding disease through massively parallel simulation"

Jason Raymond **11:00 A.M.-11:30 A.M.**
TBA

Anne Dekas **11:30 A.M.-12:00 P.M.**
"Tiny cells, big impact: investigating climatically-relevant archaeal metabolism in the ocean"

Lunch/Round Table Discussion 12:00 P.M.-1:30 P.M.
Moderators: Mark Ammons, Kris Kulp

Astrophysics Block 1:30 P.M.–3:00 P.M.
Federico Fiuza **1:30 P.M.-2:00 P.M.**
"Unveiling cosmic accelerators: from astrophysics to the laboratory in silico"

Mark Ammons **2:00 P.M.-2:30 P.M.**
"New exoplanet strophysics with advanced adaptive optics"

Jung-Fu Lin **2:30 P.M.-3:00 P.M.**
"Transition metal compounds in extreme environments"

Coffee Break 3:00-3:15 P.M

Quantum Physics Block 3:15 P.M.–5:15 P.M.
Peter Pauzauskie **3:15 P.M.-3:45 P.M.**
"Photothermal heating and cooling of nanoscale materials"

Brenda Rubenstein **3:45 P.M.-4:15 P.M.**
"Novel monte carlo methods for strongly-correlated electrons"

Tuan Anh Pham **4:15 P.M.-4:45 P.M.**
"Exploring complex material interfaces with quantum simulations"

Eric Neuscamman **4:45 P.M.-5:15 P.M.**
"Towards faithful simulations of breaking chemical bonds"

Wine Reception, Jade Room, West Cafe **5:30 P.M.-6:15 P.M.**

***Except where otherwise indicated.**