

**Sept. 2011 Workshop at the Minnesota Center for Philosophy of Science**  
**“Integration in contemporary biology: philosophical perspectives**  
**on the dynamics of interdisciplinarity”**

**Program**

**Friday, Sept. 23**

- 5:00 pm Wine and cheese reception  
 216 Tate Laboratory of Physics (East Bank of campus)  
 Room 216 is located off the north stairwell.
- 5:30 pm **Public keynote lecture by Bill Bechtel**  
 “From molecules to clinics: chronobiology as integrative pursuit”  
 170 Tate Laboratory of Physics (East Bank of campus)
- 7:30 pm Dinner at Kafe 421 (421 14th Avenue SE, 612-623-4900,  
<http://kafe421.com>, walking distance from Tate Laboratory)

All Saturday and Sunday sessions take place in **30 Humphrey Center**  
 (Hubert H. Humphrey School of Public Affairs, West Bank of campus)

Each presentation is 30 minutes long, followed by 20 minutes of discussion.

**Saturday, Sept. 24**

8:30 am	<i>Continental breakfast</i>
9:00 am	Ingo Brigandt: “The question of integration and interdisciplinarity in current philosophy of biology” (Introduction to workshop)
9:20 am	Anya Plutynski: “Integrative perspectives on cancer”
10:10 am	<i>Coffee break</i>
10:40 am	Lindley Darden: “Mechanism scaffolding for interfield, temporal integration”
11:30 am	Carl Craver: “Ontic and epistemic constraints on mechanistic integration”
12:20 pm	<i>Catered lunch</i>

1:30 pm	Sandy Mitchell: “Integrative practices in science: the case of protein folding”
2:20 pm	Todd Grantham: “Integration as a regulative ideal? Integrative pluralism and the path to the double helix”
3:10 pm	<i>Coffee break</i>
3:40 pm	Eli Gerson: “Integration of research systems: an institutional view”
4:30 pm	Open discussion (until 5:30pm)

7:00 pm Dinner at Rainbow Chinese Restaurant (2739 Nicollet Avenue South, 612-870-7084, <http://rainbowrestaurant.com>)  
Transport to and from the restaurant will be provided.

## Sunday, Sept. 25

8:30 am	<i>Continental breakfast</i>
9:00 am	Jim Griesemer: “Integration practices in a contemporary research system: David Wake’s model-based research in evolutionary morphology”
9:50 am	Alan Love: “Dimensions of integration in historical explanation: physics, genetics, and the origins of evolutionary novelty”
10:40 am	Bill Wimsatt: “Organizing Babel: articulating the disciplinary strands of cultural evolution”
11:30 am	Concluding open discussion, planning of special issue publication
12:00 pm	<i>Catered lunch</i>

### Participants:

Presenters: Bill Bechtel, Ingo Brigandt, Carl Craver, Lindley Darden, Eli Gerson, Todd Grantham, Jim Griesemer, Alan Love, Sandy Mitchell, Anya Plutynski, Bill Wimsatt  
Students/Guests: Taylor Murphy, Luke McGowan, Tudor Baetu, Barb Wimsatt, Molly Paxton, Jack Powers, Leia Rollag, María Rebolleda, Ruey-Lin Chen, Hsiao-Fan Yeh