



# Center for Philosophy of Biology

Duke University

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*First Annual*

**CONFERENCE ON RECENT WORK IN BIOLOGY AND PHILOSOPHY**

The Relationship between Evolution and Development

**Location: White Lecture Hall Building , East Campus, Duke University, Durham NC**

**PRINTABLE PDF VERSION [HERE](#)**

**Friday June 14th**

**Saturday June 15th**

**Sunday June 16th**

9:15am-9:30am Coffee

9:45am-10am Coffee

9:30am-11am Session 2

9:30am Selection Against Spurious Transcription Factor Binding Sites Shapes Genomes  
Matthew W. Hahn, Jason E. Stajich, and Gregory A. Wray  
***Figures (PDF)use 'Save As' command***

10am Sex Chromosome Evolution in *Silene latifolia*  
Richard Moore, Sabine Hardenack, Olga Kozyreva, Jiri Siroky, Roman Hobza, Boris Vyskot, and Sarah Grant

10:30 am Beyond the Embryo: Examining Evolution and development at Superorganismic Levels Andrew Yang ***Abstract***

10am-11am Session 4

10am Origins and the Evo-Devo Problem in Ecological Context Marion Blute ***Paper***

10:30am How Evolutionary is Evolutionary Developmental Biology? Jason Scott Robert

11:00am-11:30am break

11:00am-11:30am break

11:30am-1:00pm Günter Wagner "Methodological Challenges of Developmental Evolution"

11:30am-1:00pm Paul Griffiths "Evo-Devo Meets the Mind: Towards a developmental evolutionary psychology"

1:45pm Welcome

1:00pm-3:00pm Lunch (on your own) 1:00pm End

2pm-3:30pm Brian Hall:  
"Cells and Epigenetics:  
Central Tenets of  
Evo-Devo"

3pm-4pm Session 3

3pm Quantitative  
Developmental Genetics of  
Wing Shape

Arnar Palsson, Ann Klatt,  
Rebecca Riley and Greg Gibson

3:30pm The Development of  
Crossveins in Insect Wings and  
the Evolution of

Modes of Insect Flight

Jeff Marcus *Related Material*  
([PDF](#))

3:30pm-4:00pm break

4:00pm-4:30pm Break

4:00pm-5:00pm  
Session 1

4:00pm Evolvability,  
Dispositions, and  
Intrinsicity Alan C.  
Love

4:30pm Aspects of  
Genetic Explanation

Marko Barendregt

**CANCELLED**

4:30pm-6:00pm Kenneth  
Schaffner "Neurodevelopmental  
Complexities in Worms and  
Flies: Strategies for  
Representation and  
Explanation "

5:00pm-6:30pm  
Reception, Philosophy  
Dept.

6:00pm Party at Alex  
Rosenberg's house

Dinner (on your own)

For local arrangement information and assistance send email to Cici Stevens,  
[cici@duke.edu](mailto:cici@duke.edu)

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