Computational and Life Sciences

Accomplishments: September 2008 to August 2009

- Recruited a highly accomplished systems biologist (Ilya Nemenman)
- Admitted the second cohort in the new PhD program in Informatics
- Launched a Master's program track in Computation and Statistics
- Hosted 17 research seminars
- Coordinated and submitted multiple collaborative research grant proposals
- Partnered with the new Center for Comprehensive Informatics (CCI) in organizing seminars and research highlights, recruiting faculty and research scientists, planning and development of infrastructure, and envisioning long term relationships

Accomplishments: September 2007 to August 2008

- Recruited a promising computational biologist (James Taylor), finalized the hiring of a medical imaging scientist (Stefan Heldmann), and launched the CLS Fellows program

Accomplishments: September 2006 to August 2007

- CLS Vision: Conceptualization of CLS focus areas and definition of content areas; three pillars of CLS are Computational Science and Informatics, Systems Biology, and Synthetic Sciences
- Faculty hiring: Established faculty hiring committee with representation from three schools and 12 departments, published recruitment ads. Screening of applications ongoing, imminent commencement of interviewing process
- Education and Training: CLS Education Committee established, in cooperation with the Office of Postdoctoral Education. Detailed plans for interdisciplinary postdoctoral fellows drafted and recruitment advertisement published. New CS & I PhD program approved. First incoming class of students in September 2007. Planning for other educational programs commenced
- Seminars and Symposia: Organized and hosted 19 CLS-related seminars by leading researchers from various institutions. Initiated planning, and issued speaker invitations for Evolution symposium
- Operations: Established CLS office and website. Participated in CLS space planning and building programming in cooperation with Chemistry department

Accomplishments: September 2005 to August 2006

- Crystallized and articulated the CLS concept unifying theory (computation) and experiment (synthesis) as central to modern scientific discovery
- Identified grass-roots Emory community interested and passionate about CLS: Unified computational/informatics, synthetic sciences, and systems biology as the three pillars of CLS
- Obtained consensus and buy in from faculty, chairs and deans re: CLS concept and programmatic plans
- Created five-year budget and implementation roadmap

Computational and Life Sciences

- Developed concept and appointed strategic planning committee for Evolution Symposium building off the 150th anniversary of "Origin of Species"
- Developed a CLS web site that will function as a critical component of the CLS community, both internal and external to Emory