**Headlines:**
- **Add Date** is Friday (10/8)
- **No Classes** on Monday (10/11)
- **Halloween!** (10/31)

**Upcoming Events**

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- **4** 9.01 exam 1
- **6** Autism & Development Disorders: Annette Karmiloff-Smith (University of London), "The importance of cross-syndrome comparisons"
  - 6:00 pm, 46-3002
  - RSVP: lmavros@mit.edu
- **7** Plastic Lunch: Seung + Tonegawa
  - 12:00 noon - 1:00 pm, 46-3310
- **7** BCS Colloquium Series: Demetri Terzopoulos (UCLA), "Human Simulation: From Biomechanics to Intelligence"
  - 4:00 pm, 46-3002
- **7** BCSS Study Break
  - 7:30 pm - 8:30 pm, 2-131
- **11** Columbus Day – No Classes
- **12** CogLunch: Chris Baker (Tenenbaum)
  - 12:00 noon - 1:00 pm, 46-3310
- **15-17** MIT Family Weekend
- **18** BrainLunch: Alex Rivest (Tonegawa)
  - 12:00 noon - 1:00 pm, 46-3310
- **19** CogLunch: Hal Tily (Gibson)
  - 12:00 noon - 1:00 pm, 46-3310
- **26** CogLunch: Peter Graf (Linguistics/Gibson)
  - 12:00 noon - 1:00 pm, 46-3310
- **26** Plastic Lunch: Nedivi + Miller
  - 12:00 noon - 1:00 pm, 46-3310
- **28** BCS Colloquium Series: Krishna Shenoy (Stanford), "Toward a single-trial view of motor preparation"
  - 4:00 pm, 46-3002

**UROP Spotlight**

**Aatman Shah, Sinha Lab**

**Q:** How did you learn about Prof. Sinha’s Lab?

**A:** I was intrigued when I interviewed Professor Pawan Sinha for the Brain and Cognitive Sciences Newsletter. His work on “Project Prakash” for restoring vision in curably blind pediatric patients in rural India inspired me to work in his lab. I wanted to work with Professor Sinha not only for the humanitarian aspect of the research but also because the basic science interface was interesting to me. I have been working in the lab since 2009.

**Q:** What has been the impact of Project Prakash?

**A:** Project Prakash has screened over 1,000 blind patients and treated more than 200. Project Prakash intends to provide rural healthcare and preventive medicine by educating rural areas of India on symptoms of early blindness. This research is interdisciplinary and has refined conceptions on adult plasticity and notions of critical periods in children.

**Q:** What are you researching?

**A:** I work with electroencephalography (EEG) studies on the neural correlates of face perception. I am currently performing baseline studies in America and will run my experiments on Prakash patients in India. With the baseline data I will be able to perform longitudinal studies on Prakash patients to track changes in cortical organization and performance.

**Q:** How did you handle getting into computation? Was it difficult?

**A:** The teamwork in the lab makes my research work fun and interesting. Everyone in the lab is very friendly and eager to help when I do have problems. I was also familiar with Java, so the transition to Matlab programming was not too difficult.

Want to talk about your UROP? Contact Ken Haggerty ’11, our Newsletter Coordinator, at bcss-news@mit.edu!