

# Center for Embedded Systems

An NSF Industry/University Cooperative Research Center

## Year 4 Project Selection IAB Meeting

**Organized by the SIUC site**

O'Fallon, IL June 12-13 2012

**SIU**  
Southern  
Illinois  
University  
CARBONDALE



**ASU** Ira A. Fulton  
Schools of Engineering  
ARIZONA STATE UNIVERSITY

# IAB Attendees, NSF delegates

**Alex Schwarzkopf, NSF I/UCRC**

**Andrew Vandivort, Raytheon**

**Bill Reaves, Marvel**

**Byron Gillespie, Intel, *Chair***

**Craig Scott, NSF appointed evaluator, UW**

**David Andersen, General Dynamics**

**Howard Wilson, Intel**

**Ken Butts, Toyota**

**Kim Schuttenberg, Marvell**

**Matt Wilding, Rockwell Collins**

**Michael Krenz, Hamilton Sundstrand**

**Mohan Mohanraj, Marvell**

**Paul Bierdeman, Caterpillar**

**Rathish Jayabharathi, Intel, *Chair Elect***

**Robert Wright, TSI**

**Rudy Beraha, Qualcomm**

**Scott Zogg, Rockwell Collins**

**Stephen Phelps, Caterpillar**

**Steve Tollefson, Hamilton Sundstrand**

# University attendees

- **Aviral Shrivastava, ASU faculty**
- **Constantine Hatziadoniu, SIUC faculty**
- **Fran Harackiewicz, SIUC faculty**
- **Georgios Fainekos, ASU faculty**
- **Haibo Wang, SIUC site Associate Director**
- **Harini Ramaprasad, SIUC faculty**
- **Hugh Barnaby, ASU faculty**
- **John Warwick, SIUC Dean College of Engineering**
- **Jun Qin, SIUC faculty**
- **Jeff Myers, SIUC Office of the VCR**
- **Karam Chatha, ASU site Associate Director**
- **Lalit Gupta, SIUC faculty**
- **Lisa Christian, Project Manager ASU**
- **Nancy Beasley, Project Manager SIUC**
- **Phil Chu, ASU faculty**
- **Sarma Vrudhula, CES Director, ASU**
- **Spyros Tragoudas, Director at SIUC site**
- **Yann-Hang Lee, ASU Faculty**

# Agenda overview for 6/12

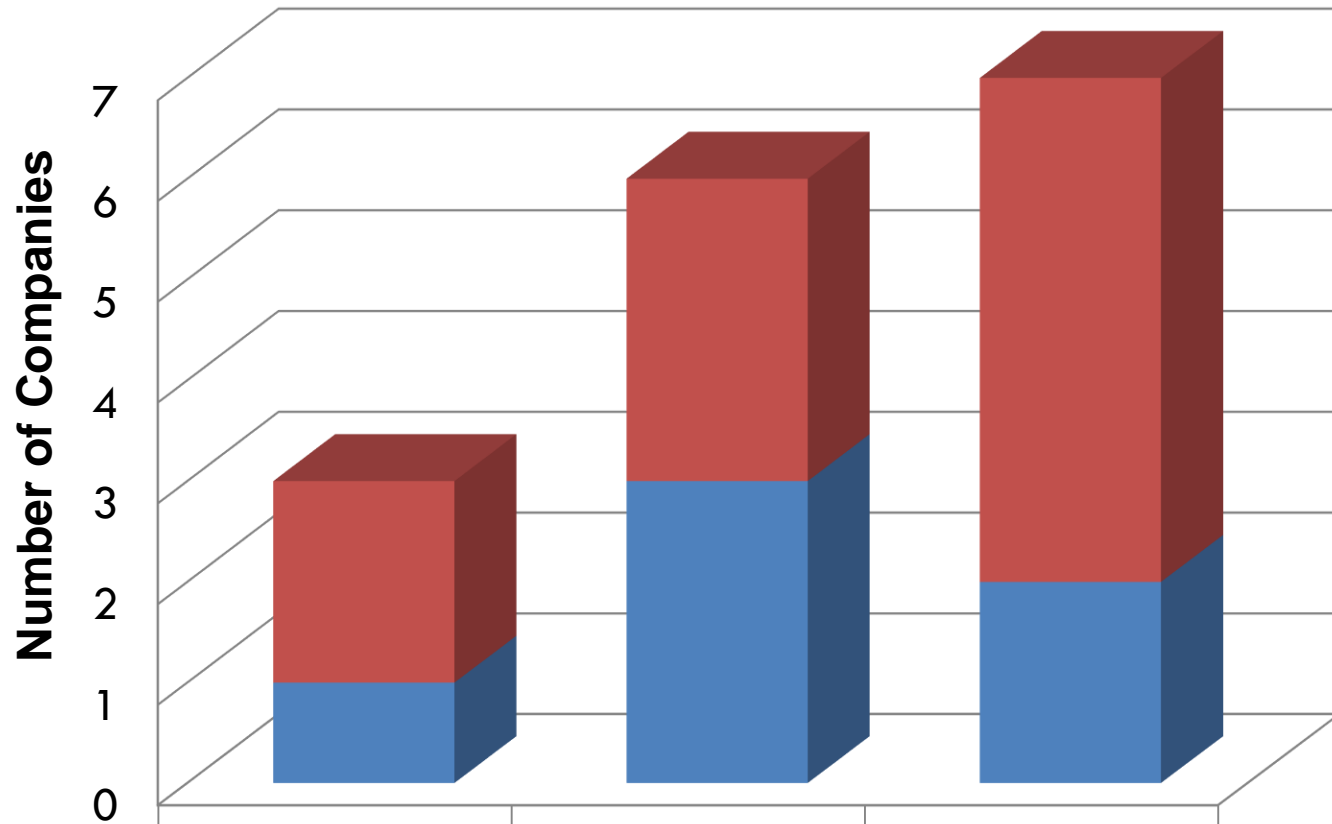
- **Developments at the SIUC site, *Spyros Tragoudas***
- **CES and developments at the ASU site, *Sarma Vrudhula***
- **Welcome Note, *John Warwick – Dean CoE, SIUC***
  
- **7:50 - 8:30 NSF Message, *Alex Schwarzkopf, NSF ENG/OAD***
  
- **8:30 -11:00 Project presentations, poster session and LIFE form discussion - *Craig Scott***
  
- **11:00 -12:00 Lunch at Drury Inn breakfast area (catered by St. Louis Bread co.)**
  
- **12:00 -14:15 Project presentations, poster session and LIFE form discussion - *Craig Scott***
  
- **14:15 -14:45 Break**
  
- **14:45 -16:50 Project presentations, poster session and LIFE form discussion - *Craig Scott***
  
- **17:30 - 18:30 Happy Hour - Drinks and Appetizers at the Drury Inn breakfast area**
  
- **18:45pm Dinner, Olive Garden, I-64 West, exit # 12, of I-64, NW shopping area**

# Developments at the SIUC site

- **New project manager:** **Nancy Beasley**
- **Associate Director:** **Dr. Haibo Wang**
- **Office Space:** **Room ENGR A-119**
- **SIUC match on RA tuition waiver for CES projects**
  - **Annual SIUC match per PhD student (17 credits): \$47,681.6**
- **SIUC match on indirect cost waiver for CES projects**
  - **Annual SIUC match (\$50,000 salary expenditure): \$22,750**
- **SIUC match from the office of the VCR (annual) : \$7,000**

# Member companies at the SIUC site

## Member companies at SIUC site



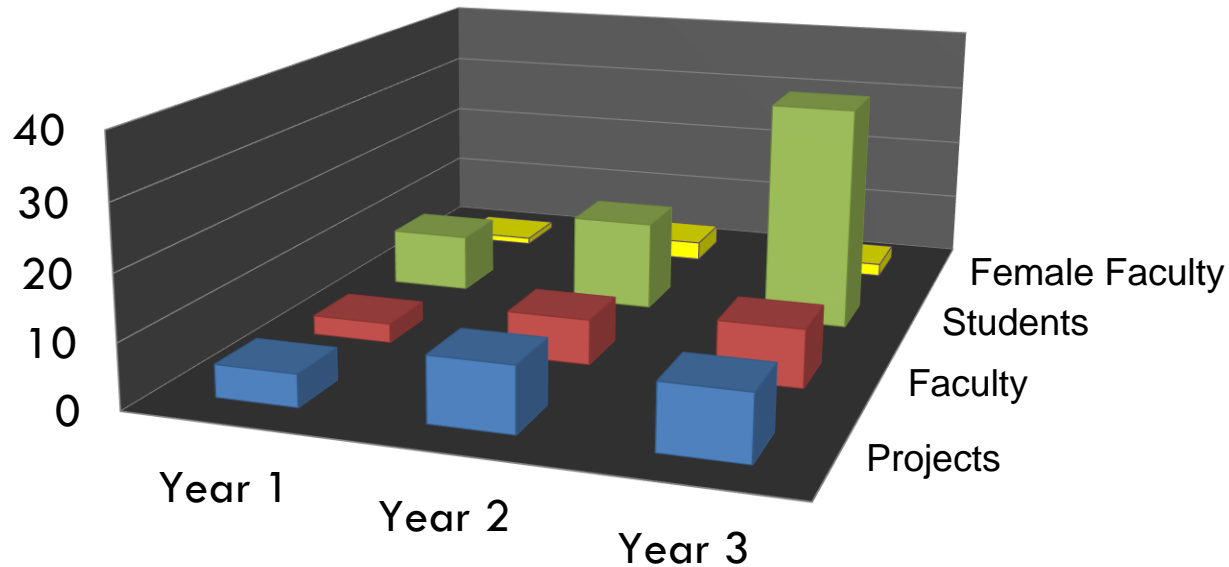
	Year 1	Year 2	Year 3
Large Companies	2	3	5
Small Companies	1	3	2

# Member companies

- ❑ **SIUC site**
  - ❑ **Caterpillar (IL)**
  - ❑ **General Dynamics (IL)**
  - ❑ **Hamilton Sundstrand (IL)**
  - ❑ **Intel (OR)**
  - ❑ **Intel (CA)**
  - ❑ **Rockwell Collins (IA)**
  - ❑ **TSI/ Dickey-john (MN)**

# Project information for the SIUC site

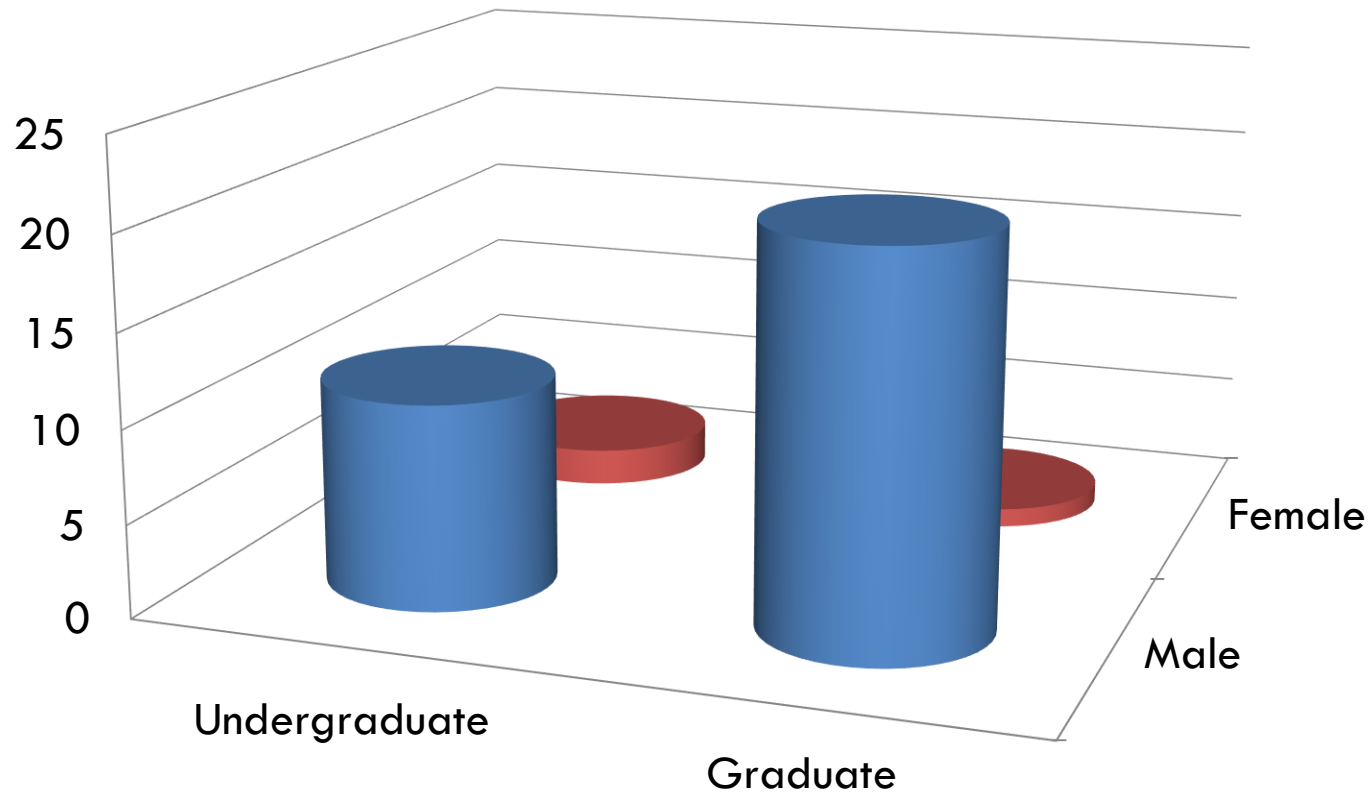
Number of projects, participated faculty & students)



	Year 1	Year 2	Year 3
■ Projects	5	10	10
■ Faculty	3	7	9
■ Students	9	14	35
■ Female Faculty	1	3	2

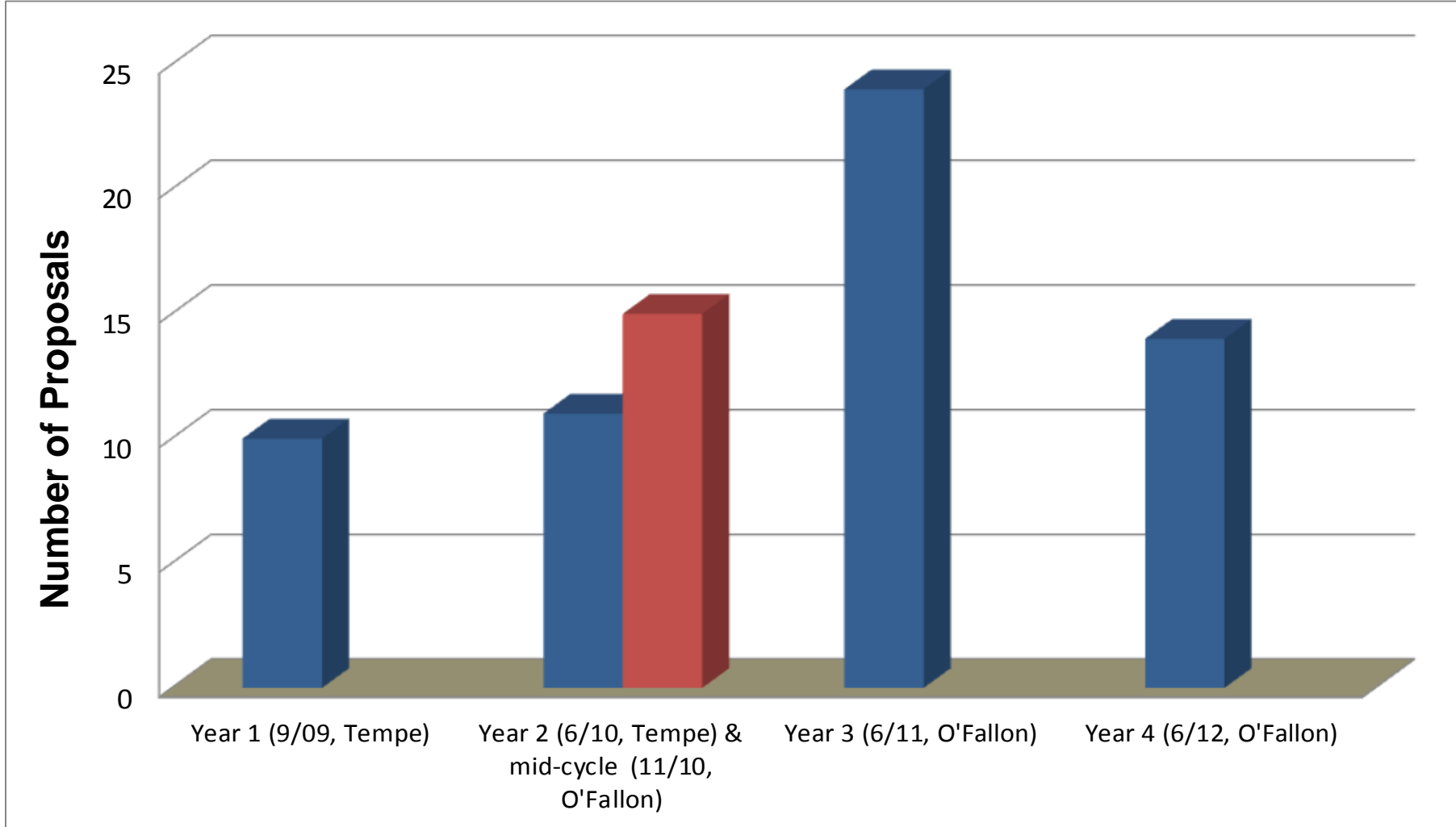


# Students involved at SIUC site – Year 3



	Undergraduate	Graduate
Male	11	21
Female	2	1

# Proposal presentations – SIUC site



**Year 3 at SIUC: 18 presented, 11 selected**

**Year 4 at SIUC: 16 submitted, 14 presented for selection**