

Computer Science and Engineering

Strategic Plan

(Working Draft presented to CSEAC)

April 4, 2005

Short Term Goals (1-2 yrs)

1. Bootstrap CSE Department (B. Velez)
2. Bootstrap CSE Programs (B. Velez)
3. Recruiting CSE Faculty (J. Seguel)
 - Recruiting Graduate Students (Y. Qian)
 - Develop ICIS (W. Rivera)
 - Define priority research areas (J. Seguel)
 - Establish CSE Alumni Tracking System (P. Rivera)
 - Expand Physical Facilities (B. Velez)
 - Promotional plan (B. Velez)
 - Strengthen Collaboration with Schools

Medium Term Goals (3-6 yrs)

- Enter into student exchange programs (Yi Qian)
- Curricular revision of CISE PhD (M Rodriguez)
- Establish MS CSE program (W Rivera)
- Develop ICIS as a recognized UPRM Research Center in C&IT (W. Rivera)
- ABET Accreditation (P Rivera)
- Strengthen support of professional societies (P Rivera)
- Acquire Academic Recognition (P Rivera)
 - Enter national rankings in Computer Science and Engineering

Long Term Goals (7+ yrs)

- Academic (P Rivera)
 - Top 50 in national rankings
 - Top 5 Hispanic institutions
- Research (M Rodriguez)
 - Establish metrics to assess growth and long term success
 - X number of competitive grants / yrs
 - Y number of publications / yr
 - Z dollars per year in grants
- Infrastructure (B Velez)
 - New building for ECE/CSE
- Industry (W Rivera)
 - Among Top 5 quality Latin-America student provider for industry

Don't forget

- ABET Accreditation
 - Assessment Plan
 - Self-study
- Outreach
 - Exchange program
 - Alumni program
- Research Excellence Goals
- Academic Excellence Goals
- Link with Professional Societies
- Links with Industry
- Public Relations Plan