Baylor University
Engineering & Computer Science

New Board Members

Fred Logan

Ken Ross

BU ECS Board of Advocates

Dean's Report

Fri., 5-Oct-07

Cashion Building, Baylor University

The Day

1. **Dean** (Maness then Kelley)
   - Faces; Strategic Initiatives; Campaign; Scholarship; Enrollment; Admissions; Renaissance; Nuclear; ABET Careers; In the News
2. **Engaged Learning Groups** (Gravagne & Van Treuren)
3. **I^5** (Fry & Leman)
4. **Leadership** (Ecklund & Mosuro)
5. **Lunch**
6. **Departmental Breakouts** (Gaitros, Jordan, Lee)
7. **Closed Board**
8. **Wrap-up**

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New ECS Faces/Leadership

Kwang Lee
ECE Dept. Chair

Cindy Fry
Assistant Dean

Ken Van Treuren
Associate Dean
Research & Faculty Development

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Strategic Initiatives

- **Submitted December 2006**
  - Game & Simulated Environments (Donahoo & Sturgill)
  - Baylor Global Poverty Center (Bradley & Jordan)
  - ECS Facilities Expansion (Kennedy, Kelley & all)
  - Ph.D. Programs
  - Biomedical
- **Three approved: for fundraising**
- **2007 submission**
  - Ph.D. Programs

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The Campaign (for fund raising)

- **Last $500M**
- **Currently Planning**
  - Capacity, 7 years, projects…
- **ECS guesses $1B**
- **ECS goal: $75M?**
  - Facilities: $25M
  - Naming: $25M
  - Other combined: $25M

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And the Answer Is…

ECS Board of Advocates Endowed Scholarship

- **$42,087.58**
- **And the Question is:**
  - What is the book value of the Board Scholarship?
- **$61,886.42**
  - What is the market value of the Board Scholarship?
- **The goal for the Spring ’07 meeting**
  - $70,000 book value

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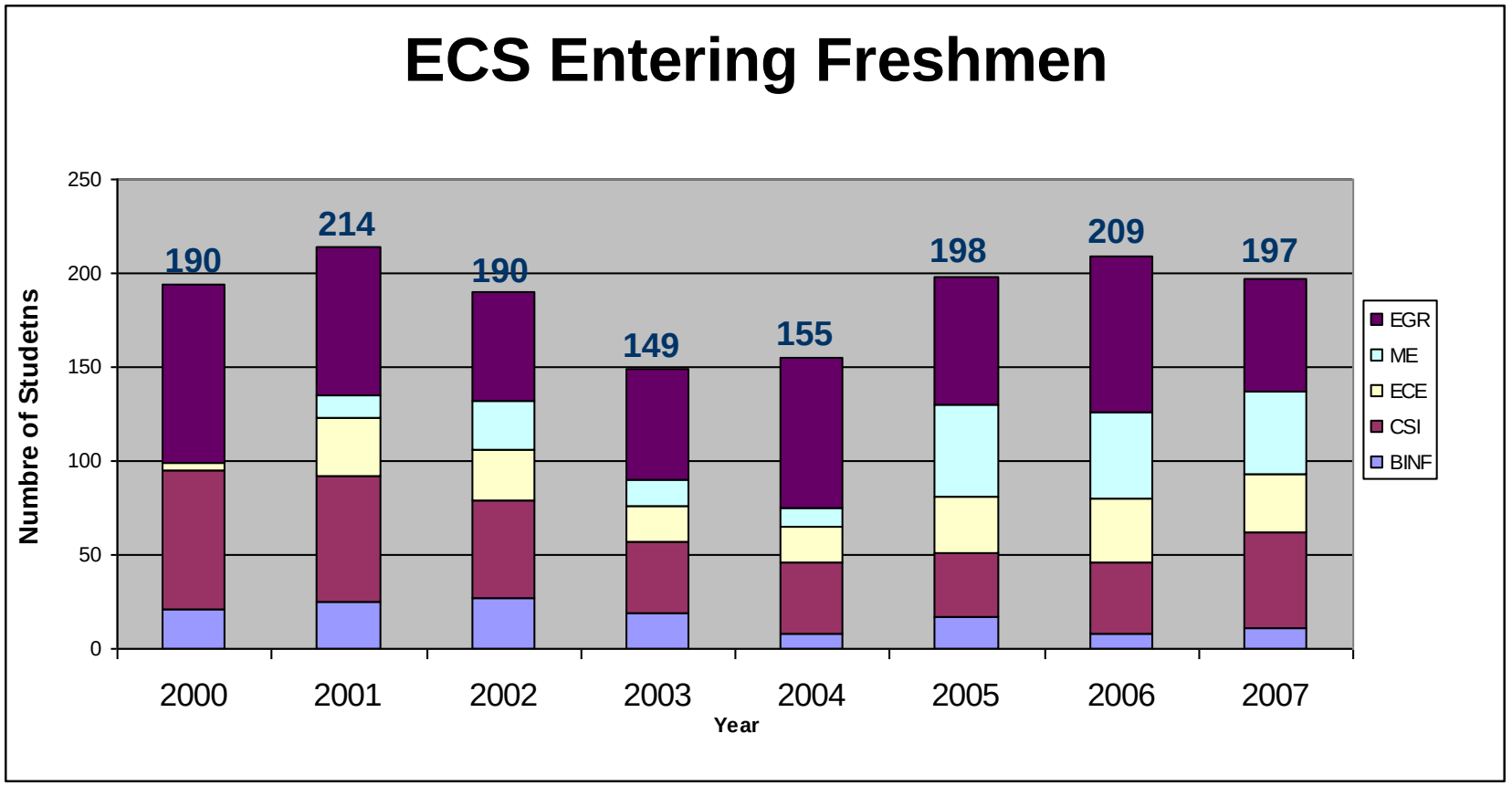
Freshman Enrollment



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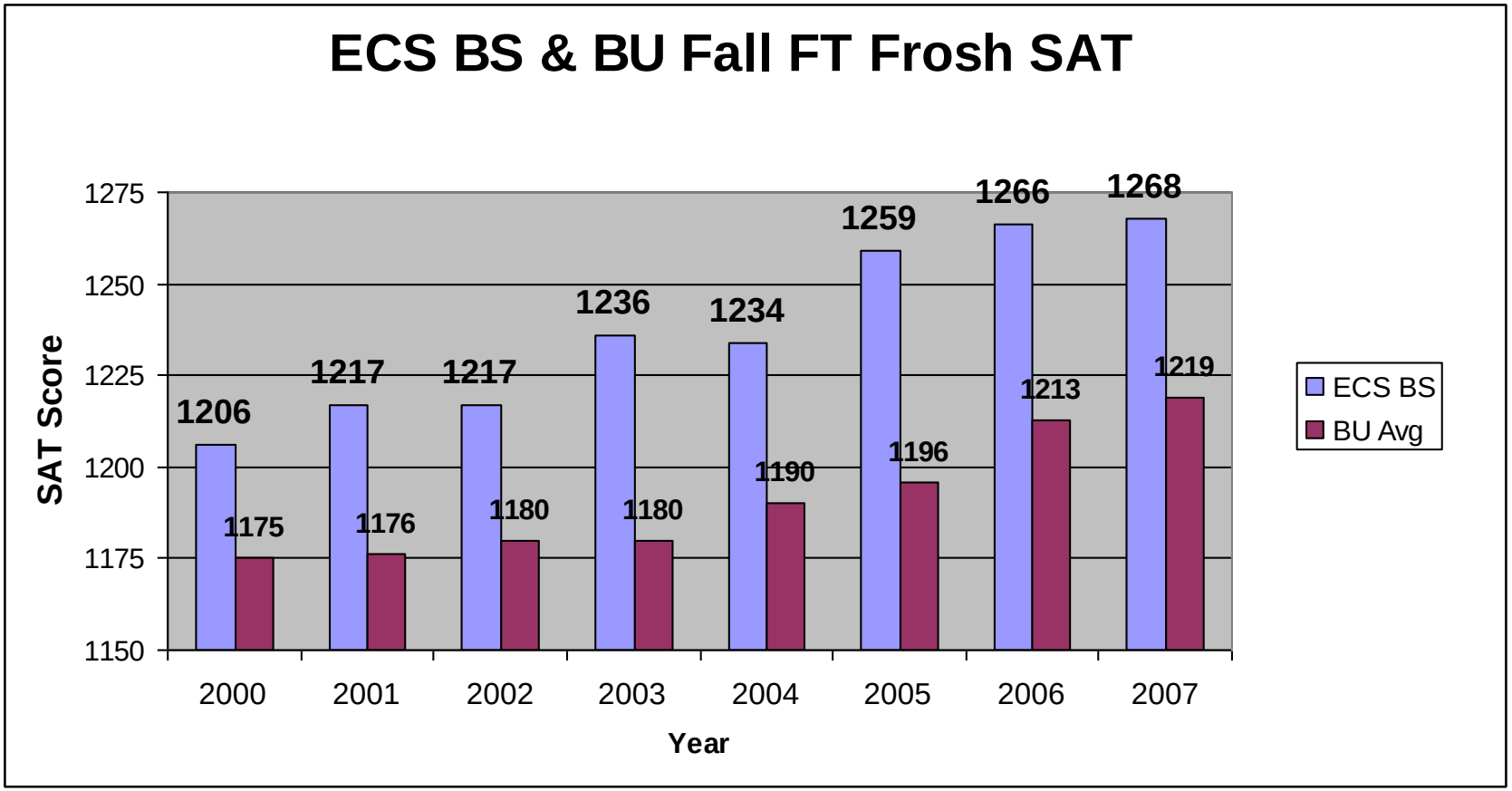
Freshmen SAT Scores



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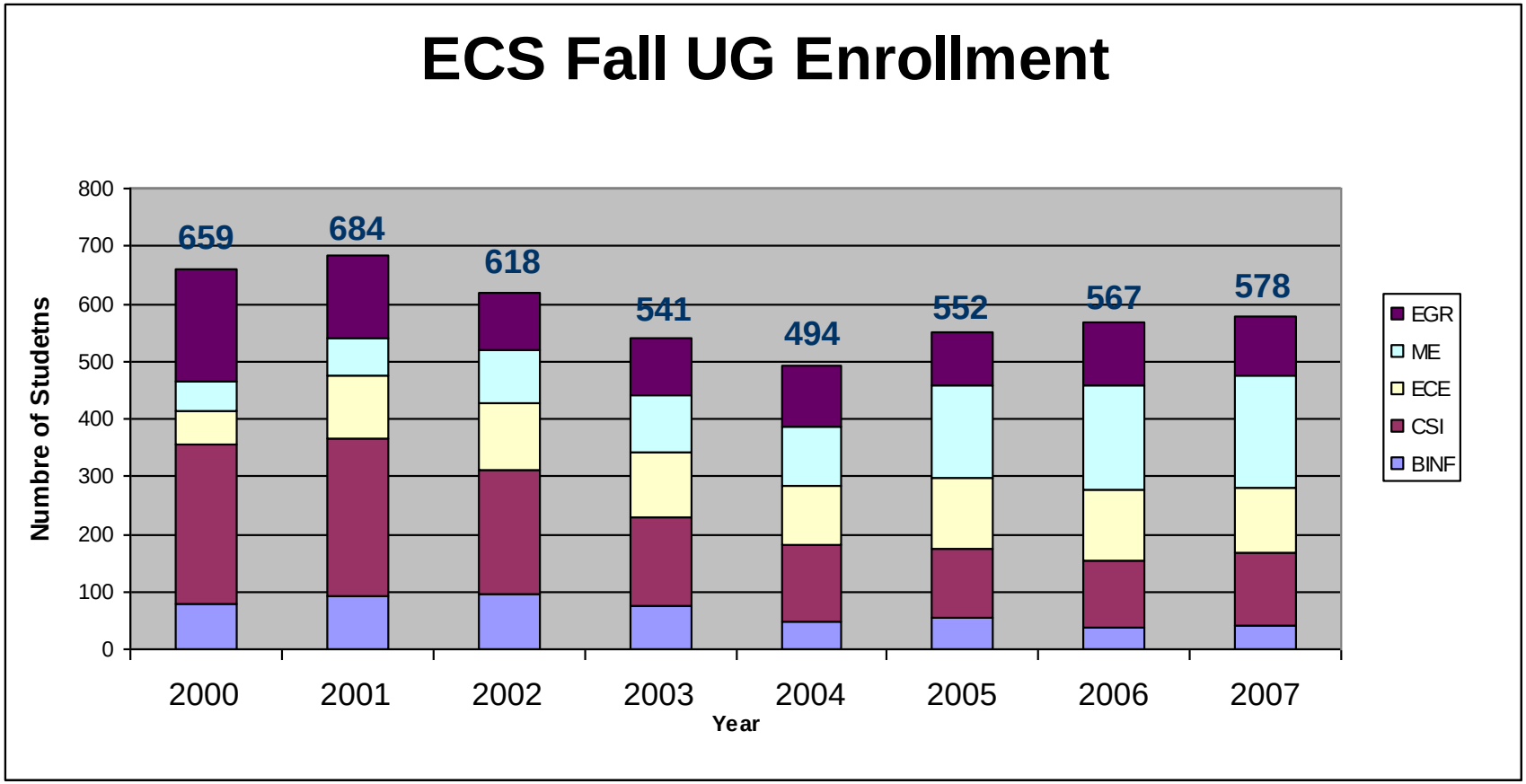
Undergraduate Enrollment



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ECS Admissions Plan

Aim is to increase quality; Will continue to press for ↑ quantity

2007

- **Students below 1110**
  - 1 SD below mean
  - Contact ECS
  - Advised stay/change
- **Affected -0-**

2008

- **Students below 1110**
  - Planning stages
  - Advised of risk
  - Invited to special summer session
  - One math course
  - One success course

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Renaissance Scholars

- Rising HS seniors
- Partnership with Honors College
- Aimed at National Merit
- 1 week; 1 Credit; Residential
- EGR; CS; Honors
- $1,300
- 45 students→90

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Nuclear Engineering

- **Increasing demand**
- **Big 12 Consortium**
  - Sept Summit in KC
- **Courses on line**
  - Intro
  - Upper level
- **Technical electives**
- **EGR option; minor ?**

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ABET Status

Accrediting Board for Engineering and Technology

- **ECE, ME, EGR submitted Self Study- Summer 06**
- **Course notebooks prepared and Program Objectives assessed**
- **Team visited on 8-10-Oct-06**
  - Board members participated in Monday luncheon
- **ABET Report gave clean bill of health- 6 years**
- **Computer Science ABET visit: Fall 2008**

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In the News

- Crisis averted
- Baylor academic discrimination
- Web sparks intelligent design battle
- Expelled: No Intelligence Allowed
- Intelligent design conflict hits BU
- Baylor removes a web page associated with intelligent design from its site

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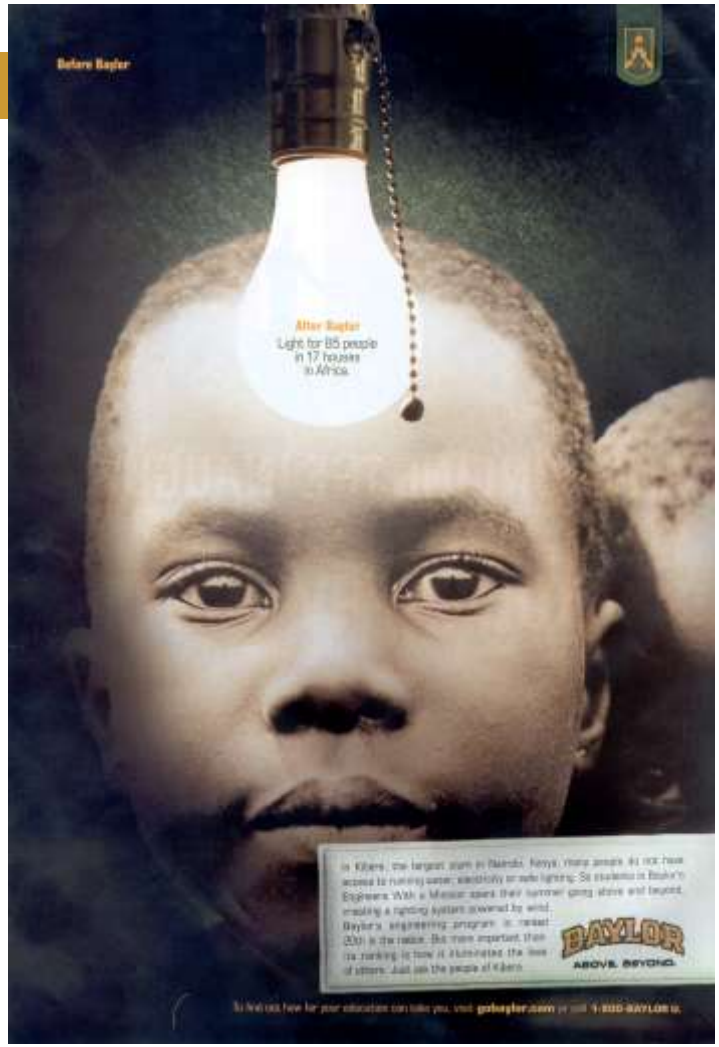
National Geographic Oct 2007

And Texas Monthly

- Kibera
- Engineers with a Mission
- Prof. Brian Thomas led student team