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Summary of Research, Teaching and Service Accomplishments

1. **Total Research Funding since 01/2002:** $41,107,214 of which (a) sponsored research in the role of lead PI: $7,854,881; as Co-PI: $22,183,210; as PI for grants managed on behalf of others: $968,841; and (b) internal grants from Vanderbilt University as PI/Co-PI: $1,800,282 including original ACCRE cluster funding of $8.3M where I was one of many investigators.

2. **Student Advising**
   - *Doctoral students graduated:* **Total 26:** 20 as Chair of PhD Committee/Primary Advisor; 6 as Co-Advisor.
   - *Masters students graduated:* **Total 28:** 23 as Primary Advisor, 5 as Second Reader on Thesis Committee.
   - *Doctoral students advising:* 3 primary advisees.
   - *Undergraduate advising:* Advisor for 200+ Second majors/minors in CS from Summer 2024; Temporary advising of Computer Science students in Fall 2022; 30+ Computer Science Junior Computer Science students (Fall 2018–present); 30+ Computer Science students (Spring 2016–Spring 2018); 22 Computer Science students (Fall 2013–Spring 2015); 9 Computer Engineering students (Fall 2009–Spring 2013);10 Computer Engineering students (Fall 2003–Spring 2007);
   - *Undergraduate research:* 50 students since 2003.

3. **Patents awarded [Total = 4]**

4. **Publications [Total = 428]**
   - *Journal Publications:* 66 published or awaiting publication;
   - *Books/Book chapters:* 1 Monograph; 8 Edited books; 27 book chapters;
   - *Conference Publications:* 158 peer reviewed conference publications;
   - *Posters, demos, tutorials and short papers:* 65 peer reviewed;
   - *Workshop Publications:* 82 peer reviewed workshop publications;
   - *Technical Reports:* 21;
   - *Tutorials presented/to be presented:* 9;
   - *Invited/Colloquium Talks:* 30 (panels, industry and university);
   - *Conference, Workshop and Demo Presentations:* 83;

5. **Teaching Highlights**
   - Distributed Systems, Cloud Computing and Computer Network courses for Vanderbilt Online MS in CS Program;
   - Created the CS4287/5287 Principles of Cloud Computing course;
   - Modified and renamed the CS6381 Distributed Systems Principles course;
   - Restarted and modified CS4383/5383 Computer Networks course and crosslisted it with ECE;
   - Taught CS3281 Principles of Operating Systems for many semesters;
   - Teaching evaluations have been more or less on par with school averages for undergrad courses and above average for grad courses;

6. **Professional Service**
   - *Steering committee membership:* 1;
   - *Journal editing:* 1 Editorial board membership; 7 journal guest editorial responsibilities.
   - *Conference Organization:* 7 General Chair; 7 Program Committee Chair; 10 Workshop organizations; 1 PhD forum chair; 3 PhD forum mentor; 3 Workshop/Tutorial Chair; 2 Local Arrangements and Registrations Chair; 2 Publicity Chairs; 1 Publications Chair; 7 Session Chairs; 3 Sponsorship co-chair, 2 Travel grant chair;

- *Panels:* 35 national/international panels and proposal reviewing responsibilities.
- *Referee:* 142 journal article reviews; 212 Program Committees;

7. **Prominent Department and University Service**
    - Serving on the Vanderbilt Appellate Review Board;
    - Leading the efforts in creating the departmental broadening participation in computing (BPC) plan;
    - Served on the University Graduate Faculty Council and its Executive Committee;
    - Served on the University Technology Review Committee;
    - Served on the University Faculty Senate and chaired the SPAF committee;
    - Undergrad advising for Computer Science and Computer Engineering students;

8. **Professional Society Memberships:** Senior Member of IEEE and ACM; Member of Usenix and formerly also ASEE.