

**CURRICULUM VITAE**

**Yufang Jin**  
**Assistant Professor**

**I. GENERAL INFORMATION****A. Personal Data:**

Office: 210-458-5588

Email: yufang.jin@utsa.edu

**B. Education:**

Ph.D University of Central Florida, 2004

MSEE University of Central Florida 2002

BSEE Zhengzhou University 1994

**C. Academic Appointments** (chronological with latest first):

2004 – Present Assistant Professor, Dept. Electrical and Computer Engineering, University of Texas at San Antonio

**D. Other Employment:**

08/99 – 07/04 Research Assistant, Department of Electrical and Computer Engineering, University of Central Florida,

**E. Consulting:**

N/A

**F. Certification and Licensure:**

N/A

**G. Honors and Awards:**

- IEEE Central Texas Section Volunteer Recognition, 2007
- Achievement Award, The 2007 World Congress in Computer Science, Computer-Engineering and Applied Computing, 2007
- Best Paper Award in International Conference on Artificial Neural Networks in Engineering, 2006
- Best Paper Award in International Conference on Artificial Neural Networks in Engineering, 2005
- Faculty Research Award at UTSA 2004
- Excellence Award in Application of a Job Well Done, Microtronic Inc., 2001
- Enhancement Fellow of University of Central Florida, 2000
- Provost Awards of University of Central Florida, 1999
- Best Paper Award in Conference of Central China Inertia Navigation Association (CCINA), Chengde, China, 1997

**II. TEACHING****A. Classroom/Laboratory:**

<u>Date</u>	<u>Course</u>	<u>Level</u>
Fall 2004	EE3413 Analysis and Design of Control Systems	U
Spring 2005	EE 4743 Embedded Control (TI 430) with Lab	U
Summer 2005	EE4943 Embedded Robotic System	U
Fall 2005	EE5243 Advanced Control of Robotics	G
Spring 2006	EE5243 Adaptive Control	G
Summer 2006	EE3413 Analysis and Design of Control Systems	U
Fall 2006	EE4743 Embedded Control (TI 430) With Lab	U
Spring 2007	EE3413 Analysis and Design of Control Systems	U
Summer 2007	EE3413 Analysis and Design of Control Systems	U
Fall 2007	EE4743 Embedded Motion Control System with Lab	U

Spring 2008	EE3413 Analysis and Design of Control Systems	U
	EE5243 Adaptive Control System	G
Fall 2008	EE3413 Analysis and Design of Control Systems	U
	EE4743 Embedded Motion Control System with Lab	U

Level: Undergraduate (U), Graduate (G)

## B. Instructional Development:

### 1. Courses Developed (Course number, title, date)

EE 4743 Embedded Control (TI 430) with Lab Spring 2005,  
 EE4943 Embedded Robotic System, Summer 2005  
 EE5243 Advanced Control of Robotics, Fall 2005,  
 EE5243 Adaptive Control, Spring 2006,  
 EE4743 Embedded Motion Control System, Fall 2007

### 2. Media and Software Developed

Lab Instruction for EE4743 Embedded control with TI MSP430  
 Lab Instruction for EE4743 Embedded Motion Control System

## C. Masters' Theses and Ph.D. Dissertations Directed

### 1. Masters

Alberto Portillo, "Using the particle swarm optimizer to solve for PID values for a BLDC Motor", MS EE Thesis, Co-chair with Dr. Chunjiang Qian

### 2. Ph.D. Dissertation

## D. Membership on Graduate Committees

### 1. Masters

- 1) Chandrakumar Bhumireddy, Electrical Engineering, Advisor: Dr. Philip Chen, Fall 2004.
- 2) Kim Wu, Electrical Engineering, Advisor: Dr. Philip Chen, Spring 2005.
- 3) Mythri Pinnanmaneni, Electrical Engineering, Advisor: Dr. Chunjiang Qian, Spring 2005.
- 4) Christopher Lew Woodland, Electrical Engineering, Advisor: Dr. Chunjiang Qian, Spring 2006.
- 5) Jia Meng, Electrical Engineering, "Enrichment Constrained time dependent clustering analysis of time series data", Advisor, Yufei Huang, Summer 2008.

### 2. Ph.D. Dissertation

- 1) Jason Polendo, Electrical Engineering, "Global system of highly nonlinear dynamic systems with limited and uncertain information", Advisor: Dr. Chunjiang Qian, Fall, 2006.
- 2) Michael Frye, Electrical Engineering, "Advanced nonlinear control: Robustness and stability with applications to aircraft flight control system", Advisor: Dr. Chunjiang Qian, Fall 2006.
- 3) Ji Li, Electrical Engineering, "Global finite-time stabilization by output feedback for nonlinear systems", Advisor: Dr. Chunjiang Qian, May 2007.
- 4) Like Zhang, Computer Science, "Anomaly Detection for Application Level Network Security: A Sublexical Unit Based Hash Frequency Approach", Advisor: Gregory White, Dec, 2008.

## E. Postdoctoral Fellows Supervised

N/A

## F. Undergraduate Students (Research) Supervised

- 1) Siyao Gu (University of Southern Illinois), NSF Summer REU Researcher 2008
- 2) Badil Saleh Elhady (Waney State University), NSF Summer REU researcher 2008
- 3) Scott Timme (UTSA), NSF Summer REU researcher 2008
- 4) Jose Gamboa (Hispanic, UTSA), McNair Program Scholar, Summer 2008 –
- 5) Johnathan Votion (Hispanic, UTSA), NSF Summer REU researcher Fall 07 – Summer 2008

- 6) Benito Garcia (Hispanic, EE UTSA), LSAMP Summer Scholar, 2008
- 7) Marcus Larose (Hispanic) Undergraduate Research Assistant, Fall 2007-
- 8) Mary Jane Maldonade (Hispanic Female, UTSA), Undergraduate Research Assistant, Aug 2008 –
- 9) SalasCynthia, (Hispanic Female, UTSA), Undergraduate Research Assistant, Fall 2007-Spring 2008.
- 10) Amanda Yates (Female, UTSA), Undergraduate Research Assistant, Fall 2007-Spring 2008.
- 11) Basit Muhammad, ( UTSA), Undergraduate Research Assistant, Fall 2007-Spring 2008.
- 12) Chung Khuc, (UTSA), Undergraduate Research Assistant, Spring 2007-Fall 2007, NSF summer researcher, 2007
- 13) Eric Ortiga (UTSA), Undergraduate Research Assistant, Spring 2007-Fall 2007, NSF summer researcher, 2007
- 14) Marcos Bird, (UTSA), NSF summer researcher 2007
- 15) Carlos Quiroz, (UTSA) NSF summer researcher 2007
- 16) Daniel Johnson, (UTSA), Undergraduate Research Assistant, Spring 2006
- 17) Chris Torres, (UTSA), Undergraduate Research Assistant, Fall 2005 - Spring 2006
- 18) James Roxxane, (Female, UTSA), Undergraduate Research Assistant, Fall 2005 - Spring 2006

### III. RESEARCH

#### A. Bibliography:

##### 1. Books/Book Chapters

##### 1a. Books

N/A

##### 1b. Book Chapters

1. N/A

##### 2. *Journal Papers (refereed full length)*

##### 2a. Published or In Press

- 1) Jin Y, Lindsey ML, Stability Analysis of Genetic Regulatory Network with Additive Noises, BMC Genomics, 9 Suppl 1:S21, 2008.
- 2) Lin J, Lopez EF, Jin Y, Van Remmen H, Bauch T, Han HC, and Lindsey ML. Age-Related Cardiac Muscle Sarcopenia: Combining experimental and mathematical modeling to identify mechanisms, Experimental Gerontology, Apr;43(4):296-306, 2008.
- 3) Jin Y, Han HC, and Lindsey ML (2007). Editorial: ACE Inhibitors to Block MMP-9 Activity: New Functions for Old Inhibitors. *J Molecular Cellular Cardiology*. 40 (6): 664-666.
- 4) Lindsey ML, Lin J, Lopez E, Jin Y, Van Remmen H, Bauch T, Han HC (2007), Age-related cardiac muscle sarcopenia in mice. *Circulation*. 2007;116:II\_41.
- 5) Yufang Jin, Zhihua Qu, Haifeng Zou, "Synchronization of chaotic System by adaptive observation via partial state measurement," projected to appear in *International Journal of General Systems*, 2007.
- 6) Dave Desrochers, Yufang Jin, Zhihua Qu, and Apiwat Saengdeejing, "Algorithms to generate partially damaged characters and readability study for autonomous optical character recognition (OCR) readers in semiconductor manufacturing," *International Journal of Computers and Applications*, Vol. 27, No.1, 2005.
- 7) Zhihua Qu, Yufang Jin, "A new nonlinear near-optimal control for space robotic systems," *International Journal of Robotics and Automation*, Vol. 18, No. 4, pp. 175-184, Dec. 2003
- 8) Zhihua Qu, Ihlefeld C.M, Yufang Jin, Apiwat Saengdeejing, "Robust control of a class of nonlinear uncertain systems. Fault tolerance against sensor failures and subsequent self recovery", *IEEE Transactions on Automatica*, Vol. 39, No.10, pp. 1763 – 1772, Oct. 2003.
- 9) Zhihua Qu, Yufang Jin, "Robust control of nonlinear systems in the presence of unknown exogenous dynamics," *IEEE Transactions on Automatic Control*, Vol.48, No. 2, pp. 336 – 343, Feb. 2003.
- 10) Apiwat Saengdeejing, Zhihua Qu, N.Chaeroenlap and Yufang Jin, "2-D shape recognition using recursive landmark determination and fuzzy ART network learning," *Neural Processing Letters*, Vol. 18, No. 2, pp. 81-95, 2003.

##### 2b. Submitted/Under Preparation.

- 1) Yufang Jin, Dennis Jordan, Berger J, Escobar G. P, Dai Q, and Lindsey M, "Combined Experimental and Mathematical Modeling of Macrophage Driven Left Ventricle Remodeling Post MI", to be submitted to Cardialvascular Research.

### 3. Conference Papers

#### 3a. Published or Accepted

1. Siyao Gu, Marcos Bird, Scott Timme, Yufang Jin "Formation Control of Unmanned Ground Vehicles Using Visual Feedback", Undergraduate Student Technical Paper Competition at ASEE-GSW conference, March 18-20, 2009. Accepted,
2. Carlos Quiroz, Marcos Birs, Chuong Khuc, Yufang Jin "Integration of Heterogeneous Unmanned Ground Vehicles with Synchronized Communication", Undergraduate Student Technical Paper Competition at ASEE-GSW conference, March 18-20, 2009. Accepted.
3. Marcos Bird, Eric Ortega, Yufang Jin, "Lead-follower Control Scheme for Unmanned Ground Vehicles in an Unknown Environment", Abstracts of IEEE Multi-conference on Systems and Control, Sep 2008, San Antonio, US.
4. Zana Coulibaly, Luis Alonso, Benito Garcia, Hervie Martin, Yufang Jin, "Controller Design and Hardware implementation of airship", Abstracts of IEEE Multi-conference on Systems and Control, Sep 2008, San Antonio, US.
5. Jin Y, Berger J, Escobar G. P, Dai Q, and Lindsey M, "Combined Experimental and Mathematical Modeling of Macrophage Driven Left Ventricle Remodeling Post MI", Proceedings of International Conference on Machine Learning and Cybernetics 2008, July, Kunming, China.
6. Lindsey ML, Lin J, Lopez E, **Jin Y**, Van Remmen H, Bauch T, Han HC (2007), Age-related cardiac muscle sarcopenia in mice. Scientific Session of American Heart Association, Orlando, FL. 2007.
7. Jin, Y, Stability of genetic regulatory network with additive noises, Proceeding of BioComp 2007, Volume 3, June, Las Vegas, 2007
8. Yufang Jin, Yufei Huang, "Adaptive control and stability analysis of genetic networks with SUM regulation," *Intelligent Engineering Systems through Artificial Neural Networks (Proceeding of International Conference on Artificial Neural Networks in Engineering)*, Vol 16, pp. 169-174, 2006.
9. Yufang Jin, Haifeng Zou, "Nonlinear adaptive synchronization of Rossler system with scalar signal," *Proceeding of IEEE International Conference on Mechatronics and Automation*, Vol 1, pp. 43-48, 2006.
10. Yufang Jin, Zhangjun Tang, and Yangyang Wen, Haifeng Zou, "Adaptive motor control design with Uncertainties," *Proceeding of IEEE International Applied Power Electronics Conference*, pp. 1634-1639, Mar. 2006.
11. Yangyang Wen, Shangyang Xiao, Yufang Jin, and Issa Batarseh, "Adaptive nonlinear compensation for asymmetric half bridge DC-DC converters," *Proceeding of IEEE International Applied Power Electronics Conference*, pp. 1634-1639, Mar. 2006.
12. Yufang Jin, Zhihua Qu, "Synchronization of chaotic system by adaptive observation," *Intelligent Engineering Systems through Artificial Neural Networks (Proceeding of International Conference on Artificial Neural Networks in Engineering)*, Vol 15, pp. 289-298, 2005.
13. Yufang Jin, Zhangjun Tang, "High performance BLDC motor design and adaptive control with real-time estimation of uncertainties," *Proceedings of IEEE International Conferences on Electrical-Mechanical Systems*, Nanjiang, Vol.1, pp. 221-226, 2005.
14. Yufang Jin, Zhihua Qu, "Synchronization of Lorenz systems by adaptive observation," *American Control Conference*, Vol 4, pp. 3305-3310, Jun. 2003.
15. Yufang Jin, Apiwat Saengdeejing, Xiaohe Wu, Zhihua Qu, "Final report on EagleView and OCR reader", *Technical Report to Microtronic Inc.*, Jun. 2003.
16. Zhihua Qu, Yufang Jin, "A new nonlinear near-optimal control for space robotic systems," *Proceeding of International Conference on Control and Automation*, Xiamen, China, pp. 119-225, June 16-19, 2002.
17. Yufang Jin, Zhihua Qu, "A nonlinear observer design for secure communication," *Proceeding of the 4<sup>th</sup> international Conference on Nonlinear Problems in Aviation and Aerospace*, Melbourne, FL, USA, May 2002.

18. Roger W. Johnson, Zihua Qu, Sanjay Jayaram, Yufang Jin, "Autonomous satellite health monitoring and control systems: Redundancy and fault tolerance," *Proceeding of the 4<sup>th</sup> international Conference on Nonlinear Problems in Aviation and Aerospace*, Melbourne, FL, USA, May 2002.
19. Zihua Qu, Yufang Jin, "Robust control of nonlinear systems in the presence of unknown Exogenous Dynamics," *Proceedings of the 40<sup>th</sup> IEEE Conference on Decision and Control*, Vol. 3, pp. 2784 –2790, 2001.
20. Zihua Qu, Ihlefeld C.M, Yufang Jin, Apiwat Saengdeejing, "Robust control of a class of nonlinear uncertain systems. Fault tolerance against sensor failures and subsequent self recovery," *Proceedings of the 40<sup>th</sup> IEEE Conference on Decision and Control*, Vol. 2, P1472-1478, 2001.
21. Roger W. Johnson, Zihua Qu, Sanjay Jayaram, Yufang Jin, "Autonomous spacecraft vehicle health monitoring and control system based on real-time model-based simulation," *Proceeding of Intelligence Systems & Control Conference*, Clearwater, FL, USA, , pp. 152 -157, Nov. 2001.
22. Yufang Jin, Yimin Du, "Combined navigation and simulation of flight vehicle. Accuracy of mid-term navigation," *Proceeding of the Conference of Central China Inertia Navigation Association*, Chengde, China, Aug. 1997.

### **3b. Submitted/Under Preparation**

- 1) Yufang Jin, Michael Frye, Chunjiang Qian, "Student recruitment and continue research in graduate school", NSF awardees conference March 2-3, 2009, Accepted.

## **4. Book Reviews**

N/A

## **5. Other Articles**

## **B. Lectures, Seminars**

(Chronologically, NOT INCLUDING presentations given at conferences as shown in 3a)

### **1. Scientific Lectures, Seminars**

- 45 minutes talk on "High performance control design for motion system" Alcon Research Lab at Orlando, July 2004
- 45 minutes talk on "Simulation and controller design for motion system", Ferry State University, May 2004

### **2. Other Lectures, Seminars, Briefings, Short courses**

- 1) Nonlinear control design and its applications to UGV, summer 2007, 2008, NSF REU site at UTSA

## **C. Areas of Research Interest**

- 1) Nonlinear control
- 2) Modeling and simulation of genetic regulatory network
- 3) Computational biology

## **D. Research Support**

### **1. National/International**

Agency: NSF  
Title: Nonlinear control and its applications to UAV/UGV  
Peer Reviewed (Y/N): Y  
Date (start-end): May 2007  
Total amount: \$270,000  
Role (Principal Investigator/Co-investigator): PI

(Repeat for each grant)

### **2. State**

Agency: Texas Higher Education Board  
Title: Course redesign for Engineering  
Peer Reviewed (Y/N): Y  
Date (start-end): Aug 2007  
Total amount: \$260,000  
Role (Principal Investigator/Co-investigator): co-investigator

(Repeat for each grant)

### 3. Companies

Agency: iWatt  
Title: Nonlinear Control Design and Its Application on Power Stage  
Peer Reviewed (Y/N): Y  
Date (start-end): Feb 2007  
Total amount: \$10,000  
Role (Principal Investigator/Co-investigator): PI

Agency: ARM  
Title: Development of embedded control system with ARM processors  
Peer Reviewed (Y/N): Y  
Date (start-end): Dec 2005  
Total amount: \$51,600  
Role (Principal Investigator/Co-investigator): PI

(Repeat for each grant)

### 4. Other including sub-contracts, internal UTSA funding through earmarks, institutional grants etc.

Agency: University of Washington  
Title: Travel Scholarship for Cardiovascular Modeling  
Peer Reviewed (Y/N): Y  
Date (start-end): August 2008  
Total amount: \$900  
Role (Principal Investigator/Co-investigator): PI

Agency: UTSA  
Title: Nonlinear control of mobile robots  
Peer Reviewed (Y/N): Y  
Date (start-end): Jan 2005  
Total amount:  
Role (Principal Investigator/Co-investigator): PI

### 5. Pending with funding agency

Agency: NIH/NIGM MBRS-SCORE  
Title: "Effects of Aging on LV Geometry and MMP-9 Expression Level"  
Peer Reviewed (Y/N): Y  
Date (start-end): 6/1/2009-12/31/2010  
Total amount: \$450,000  
Role : PI

Agency: NSF  
Title: "CAREER: Integrated computational-experimental approach to investigate the mechanism of Macrophage dependent cardiac aging"  
Peer Reviewed (Y/N): Y  
Date (start-end): 6/1/2009-5/31/2014

Total amount: \$484,558  
Role : PI

Agency: NIH/NHLBI R01  
Title: "The Role of Macrophage-Derived MMP-9 in Left Ventricular Remodeling"  
Peer Reviewed (Y/N): Y  
Date (start-end): 7/1/2009-6/30/2014  
Total amount: \$1,777,777  
Role : Co-investigator

Agency: San Antonio Area Foundation  
Title: "Mechanical study of tortuous veins"  
Peer Reviewed (Y/N): Y  
Date (start-end): 6/1/2009-12/31/2010  
Total amount: \$23,900  
Role : co-investigator

Agency: NSF  
Title: "BATLAB: A Measurement & Control Expert System for Cost-Effective Biological Manufacturing"  
Peer Reviewed (Y/N): Y  
Date (start-end): 6/1/2009-12/31/2012  
Total amount: \$53,900  
Role : co-investigator

(Repeat for each grant)

#### 6. **Proposals Rejected**

Agency: NSF CAREER Award, Lindsey (PI)  
Title: "Integrated computational-experimental approach to investigate the mechanism of Macrophage dependent cardiac aging"  
Peer Reviewed (Y/N): Y  
Date (start-end): 2/1/2009-1/31/2014  
Total amount: \$1,484,420  
Role : Consultant

Agency: NIH/NIGM MBRS-SCORE  
Title: "Effects of Aging on LV Geometry and MMP-9 Expression Level"  
Peer Reviewed (Y/N): Y  
Date (start-end): 1/1/2008-12/31/2010  
Total amount: \$309,660  
Role : PI (unscored)

Agency: NIH R33  
Title: "Integrated modeling of post-myocardial infarction fibroblast activation"  
Peer Reviewed (Y/N): Y  
Date (start-end): 7/1/2008-6/30/2011  
Total amount: \$1,124,892 (direct \$850,000)  
Role : co-investigator (Unscored)

Agency: NIH/NHLBI R01  
Title: "The Role of Macrophage-Derived MMP-9 in Left Ventricular Remodeling"  
Peer Reviewed (Y/N): Y  
Date (start-end): 7/1/2009-6/30/2014  
Total amount: \$1,777,777  
Role : Co-investigator (Scored 218)

Agency: NIH R03  
Title: "Mathematical Modeling of MMP-9 Driven Post MI Remodeling"  
Peer Reviewed (Y/N): Y  
Date (start-end): 7/1/2009-6/30/2012

Total amount: \$150000(Direct)  
 Role : PI (Scored 219)

Agency: NIH R21  
 Title: "A Closed-Loop Expert System to Improve the Safety, Cost-Effectiveness, & Process Comparability of Manufacturing Therapeutic Glycoproteins"  
 Peer Reviewed (Y/N): Y  
 Date (start-end): 7/1/2009-6/30/2012  
 Total amount: \$150000(Direct)  
 Role : co-investigator (unscored)

ency: UTSA TRAC  
 Title: "Mathematical modeling of matrix metalloproteinase-9 driven left ventricular matrix remodeling with aging"  
 Peer Reviewed (Y/N): Y  
 Date (start-end): 7/1/2009-6/30/2012  
 Total amount: \$30000(Direct)  
 Role : PI

ency: UTSA RCMI  
 Title: Computational model of LV remodeling post myocardial infarction  
 Peer Reviewed (Y/N): Y  
 Date (start-end): 7/1/2009-6/30/2012  
 Total amount: \$150000(Direct)  
 Role : PI

(Repeat for each grant)

#### IV. SERVICE

##### A. Professional Activities:

**1. Current Professional and Scientific Organizations/Societies** If election/nomination required then mark with \*

2003- present, Institute of Electrical and Electronics Engineers

2007-present American Heart Association (AHA)

2007 – present American Society of Engineering Education (ASEE)

Years (from-to) Name of Organization

##### **2. Past and Current Positions and/or Offices Held in Professional Organizations**

N/A

**3. Other Professional Activities** (e.g., National and State Consultantships, Review Panels and Committees, Editorial Boards, Continuing Education Lectures Presented, etc.)

##### **Editor/Editorial Board Member**

**Associate Editor:** Proceedings of International Conf. on Bioinformatics & Computational Biology, 2007

##### **International Conference/Meeting/Symposium Organizer/Chairmanship**

*Meeting (full name)*

*Year*

*Role*

##### **Session Chair/Organizer**

IEEE International Conference on Mechatronics and Automation 2006, Session chair  
International Conference on BioComp, 2007, Session chair  
IEEE international Conference on Machine Learning and Cybernetics 2008, Session chair

(Repeat for each session)

### **Reviewer for Journals**

EURP Journal on Bioinformatics and Systems Biology  
Journal of Automatica  
IEEE Transactions on Magnetics  
IEEE Transactions on Automatic control  
IEEE Transactions on Neural Network  
IEEE Transactions on Systems, Man and Cybernetics  
IEEE Transactions on Robotics and Automation  
Journal of Robotica,  
International Journal of Control  
International Journal of Nonlinear and Robust Control  
European Journal of Control  
International Journal of Smart Material Structure  
International Journal of Zhejiang University SCIENC  
IEEE Conference on Decision and Control  
IEEE Conference on American Control Conference  
IEEE Conference on Robotics and Automation  
European Control Conference.

### **Review Panels (for grants)**

2008-2011, American Heart Association, review panel B

(Repeat as necessary)

### **Continuing Education Seminars Given**

Date, Seminar name

#### **4. Community Service**

1. Served as a judge of Engineering Technology Challenge, April 06 - present
2. Served as a judge of Science and Engineering Fair, Alamo Regional Academy of Science and Engineering, March 2007
3. GEAR robotic competition 2008
4. Lab tours for high school, middle school, and elementary school students

#### **B. Committees:**

##### **1. Department (specify if Chair)**

1. Advised student for class registration from Fall 2004 – present
2. Wrote more than 30 recommendation letters for students
3. Attended department committee for graduate studies from Fall 2004 - Present
4. Attended department committee for control curriculum from Fall 2004 - Present

5. Interviewed with ABET visitor 2004
6. Met with Faculty candidates 2005
7. Served on TA committee 2004
8. Served on Credit Transfer Committee 2005
9. Served on Travel Committee 2006
10. Prepared poster for Student forum in Spring 06
11. Prepared and supervised qualify exam in Fall 2004 - present
12. Served on Student Defense Committees

**2. College of Engineering** (specify if Chair)

1. Re-established Society of Women Engineering UTSA branch at Region C and be advisor of the society in 2005,
2. Advised IEEE student branch UTSA at Region 5, TX , Jan. 2005 – present
3. Demonstrated mobile robots at the Open House Ceremony of BSE building, Feb. 2006.
4. Invited seminars on ARM processors for students at Engineering and Computer Science, Sep. 2005, Oct. 2006
5. Attended Faculty Forum
6. Attended Convocation and Orientation Day (Road Runner's Day) Fall 2005 - present

**3. University** (specify if Chair)

1. Attended Commencement Fall 2004 (hooding)
2. Attended Commencement Fall 2005 (greeting)
3. Attended Commencement Spring 2006 (stage party)
4. Attended Commencement Spring 2006 (greeting)
5. Attended Commencement Spring 2006 (greeting)

**4. Other**

Year, Committee, Meeting frequency  
(Repeat as necessary)

**C. Administrative Responsibilities:**

**1. Department**

Year, Title  
(Repeat as necessary)

**2. College**

Year, Title  
(Repeat as necessary)

**3. University**

Year, Title  
(Repeat as necessary)

**4. Staff Currently Supervised (not including students):**

**V. OTHER INFORMATION**

**A. Patents Pending/Issued:**

**B. Media Coverage**

1. College of Engineering E-News: New NSF\_Funded undergraduate research program gets underway, Apr 2007
2. College of Engineering E-News: Dr. Yufang Jin and De. Chunjiang Qian awarded the rREU site by NSD Mar 2007
3. College of Engineering E-News: Dr. Yufang Jin and Dr. Yufei Huang got best Paper Award, Mar 2007
4. COE Innovatio, fall 2007, Vol. 3: Green Light for Unmanned Vehicle Research

**C. Other**