

1. Name, current academic rank, and tenure status

David S. Burris, Professor, Tenured

2. Date of original appointment to this faculty, followed by dates and ranks of advancement

Joined faculty, August 1978

3. Degrees with fields, institutions, and dates

Degree	Field	Institution	Date
B.S.	Physics/Math	SWTSU	1969
M.S.	Physics	SWTST	1972
Ph.D.	Computer Science	TAMU	1976

4. If you do not have a formal degree in computer science, describe any course work you may have taken, or other ways in which you have achieved competence in computer science; there is no necessity to repeat information here which is contained in later sections of this document.

Additional Qualifications:

- 1) Certified Computer Programmer (Systems Programming) – ICCP
- 2) Certified Systems Professional (Software Engineering) – ICCP
- 3) Certified Computing Professional - ICCP

5. Conferences, workshops, and professional development programs in which you have participated in the last 5 years to improved teaching and professional competence in computer science.

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6. Consulting-list agencies and dates, and briefly describe each project.

Industrial consulting includes numerous projects with NASA (especially the shuttle and space station), White Sands Missile Range, NOAH, numerous applications in law enforcement (Justex Systems Inc.), inventory/tracking systems for weapons of mass destruction (nuclear), aerospace, mapping electromagnetic fields for ICBM guidance systems, sea bed mapping (commercial and submarines), communications, Army, Navy, Air Force.

7. Principal publications during the last five years. Given in standard bibliographic format.

2006-2007

Invited speaker for five hour seminar by the Houston Chapter of ISSA (Information Security Systems Association) January 12, 2006. ISSA is an international organization dedicated to developing and instituting procedures to assure the confidentiality of digital information during transmission and storage. Topics included obfuscation of data for secure transmission including Steganography and digital watermarks. The techniques discussed were applied to transmission of geological data by petrochemical companies, monetary markets, industrial espionage, and terrorism.

Presented at AASUC with Provost Payne and Vice President for Academic Affairs Ron Johnston of Blinn, February 4-7, 2006. Our topic was cooperation between universities and community colleges to enhance student recruitment and development.

Presented (primary speaker) at Texas P-16 State Leadership Consortium with Vice President Dr. Ron Johnston of Blinn College and Vice Chancellor for Academic Affairs of the TSUS Dr. Ken Craycraft, April 24 – 26, 2006, two sessions. The conference was hosted by Stephen F. Austin State University, Texas Higher Education Coordinating Board, and Texas Education Agency (enhance cooperation between universities, community colleges, and the public school system).

Panel member Texas Association for Community Service and Continuing Education (TACSCE), November 17, 2006. The conference emphasized university/college relations, especially programs emphasizing the BAAS, Texas Two Step, and related efforts. Other speakers at the conference included Commissioner Raymund Paredes, and representing Governor Perry - Mark Ellison, Director of Texas Emerging Technology Fund “State of Texas Funds {Colleges and University Opportunities to Bring Jobs and Training to Texas,}” and Keith Sessions, Executive Director of AGSC/STARS Program(Alabama STARS: Statewide Transfer and Articulation). STARS contains many of the elements utilized for articulation by SHSU but on a state wide basis. SHSU articulation program is broader and has more depth.

Invited speaker for TACRO November 13, 2007.

2008

Texas Community College Instructional Administrators Conference, June – only presenter for 2 hour block

Testified with Provost Payne at Legislative Budget Board on Articulation march 18.

Primary Executive Level College/University Presentations 2007: Blinn March 20,

2007; Blinn April 10, 2007; NHMCCD April 17, 2007; NHMCCD June 6, 2007; College of the Mainland July 2, 2007; Trinity Valley College District July 3, 2007; HISD July 11, 2007; San Jacinto College District July 16, 2007; Navarro College July 18, 2007; West Texas A&M University and Amarillo College July 23-24; Panola College August 3, 2007; Kingwood College August 9, 2007; Tomball College August 14, 2007; Montgomery College August 29, 2007; North Harris College September 6, 2007; Town & Country College September 6, 2007; Westgate College September 11, 2007; Westgate College September 18, 2007; San Jacinto College October 11, 2007; HCCS October 17, 2007; HCCS October 26, 2007; Trinity Valley November 5, 2007; HISD November 6, 2007; NHMCCD December 3, 2007; Blinn December 13, 2007.

Primary Executive Level College/University Presentations 2008: Victoria College January 8; sign articulation agreement January 29, 2008; Lon Morris College January 31, 2008; President Hodges HCCS February 14; HISD Richard Montgomery February 21; WTAMU (5 people here) March 26; Train advisors Victoria April 8; sign articulation agreement Lon Morris College April 17; present Texas Community College Instructional Administrators Conference (TCCIA) June 8; Software training San Jacinto College June 25; Presentation Austin Community College July 1; TACSCE board meeting July 31; VP Marshall Schott U of H August 8; McClennan Lewis Snell September 2; Hershey Inc. – desire to purchase rights to our system October 14; San Jacinto w/Dr. Baldwin November 3; Foreign Language presentation November 4; LSCS presentation December 2; Montgomery College w/David Collins December 5; present SHSU Enrollment Management meeting December 9; Marketing Ann O’Meara December 10; Training Reverse Transfer LSCS December 11; Tomball College w/Dr. Smith December 16, 2008.

Primary Executive Level College/University Presentations/Professional Activities 2009

Presentation Lone Star College District January 27, 2009; presentation/consultant Lamar University January 29, 2009; Sign articulation agreements Lone Star College February 4, 2009; SHSU Faculty Senate February 12, 2009; Sign articulation agreement Blinn College February 27, 2009; presentation Blinn College March 4, 2009; presentation SHSU Community College Conference March 5, 2009; administer ICCP Exam April 16, 2009; present SHSU P-16 meeting April 21, 2009; complete successful grant requirements Blinn P-16 May 29, 2009; Blinn executive P-16 Executive Council June 3, 2009; responsibilities Texas Community College Instructional Administrators Conference, June 7, 2009; present Angelina College with Mass Comm. July 21, 2009; attend meeting Houston Community College District August 4, 2009; SHSU P-16 meeting September 14, 2009; Executive Council Blinn P-16 September 23, 2009; Present Montgomery College Hi-Tech Career Fair September 24, 2009; Montgomery College presentation on Time Compressed Degree Plans October 2,

2009; attend HCCS VP meeting October 5, 2009; present SHSU Associate Deans Council October 6, 2009; attend SHSU P-16 board meeting November 5, 2009; present Computer Science Club Montgomery College November 30, 2009; meet Lone Star College with Vice Provost and VP Thielemann December 2, 2009.

Primary Executive Level College/University Presentations/Professional Activities
2009

Signed articulation agreements with the following colleges in 2011: Alvin, Angelina, Austin, Brazosport, Dallas County Community College District, Galveston, and Trinity Valley

8. Other scholarly activity during the last 5 years: grants, sabbaticals, software development, etc.

I have written the text for all courses taught and extensive software for use in each course. I server on the Brazos Valley and SHSU P-16 Executive Boards and work with several others. SHSU received the Silver STEP award in 2009 for my articulation programs.

9. Courses taught this and last academic year term-by-term. This year is the academic year in which this Self-Study report is prepared; the last year was the year prior to this. If you were on sabbatical leave, please enter the information for the previous year. Please list each section of the same course separately.

Term/Year	Course Number	Course Title	Semester Hours	Class Size
F09	CS334	Database	3	16
	CS362	Data Structures	3	30
	DF391	Cryptography/Malware	3	15
		¼ release SHSU Articulation Coordinator		
Sp 10	CS278 B	GNU Linux “C”	3	37
Sp10	CS362	Data Structures	3	31
Sp10	CS437	Software Engineering	3	18
		¼ release SHSU Articulation Coordinator		
Summer 2010		Full time release Articulation Coordinator		

F10	CS362	Data Structures	3	24
	CS431	Operating Systems	3	22
	DF391	Cryptography/Malware	3	10
		¼ release SHSU Articulation Coordinator		
Sp 11	CS278C	GNU Linux “C”	3	36
Sp 11	CS362	Data Structures	3	28
Sp 11	CS437	Software Engineering	3	22
Fall 11	COSC 4319	Software Engineering	3	22
Fall 11	COSC4327	Operating Systems	3	12
Fall 11	DFSC3317	Cryptography	3	17
Spring 2012	COSC 1434	Programming Fund II	3	11
Spring 2012	COSC 2347	Special Topics	3	47
Spring 2012	COSC 3319	Data Structures	3	34
Spring 2012	COSC 4340	Special Topics in Comp	3	6

10. Other assigned duties performed during the academic year, with average hours per week. Indicate which, if any, carry extra compensation. If you are course coordinator for courses taught by other than full-time faculty, please indicate here which courses.

Senior tenured faculty member in CS, many university wide committees: 3+ hours per week

11. Number of students for which you service as academic advisor: 30+
 I have university wide clearance to advise students in all majors. I advise departmental students upon their request and cover for the chair and department undergraduate advisor when they are not present. I voluntarily advise students in the SAM Center during heavy advising periods.

12. Estimate the percentage of your time devoted to scholarly and/or research activities: 1/4+%. Please give a brief description of your major research and scholarly activities:

I receive ¼ time release spring and fall and full time release in the summer as the University Articulation Coordinator. This is a combination of research, program development, and program execution.

13. If you are not a full-time faculty member, state what percentage of full-time you work: _____ % Percentage of this time allocated to the computer science program being evaluated: _____ %.