

# Recruitment and Retention of Under-Represented Students

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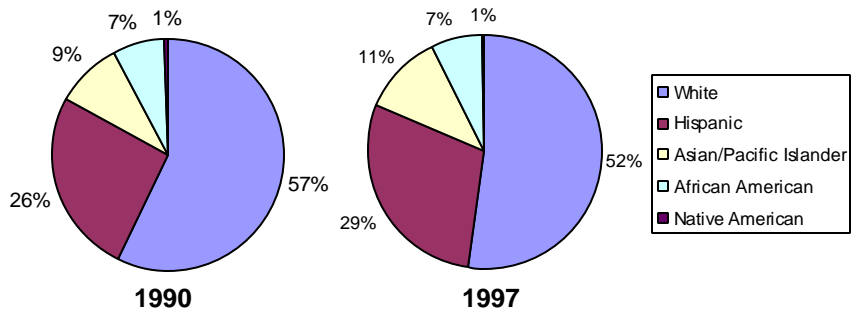


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## Introduction

### State of California Population

Data source: Department of Finance, State of California [www.dof.ca.gov](http://www.dof.ca.gov)



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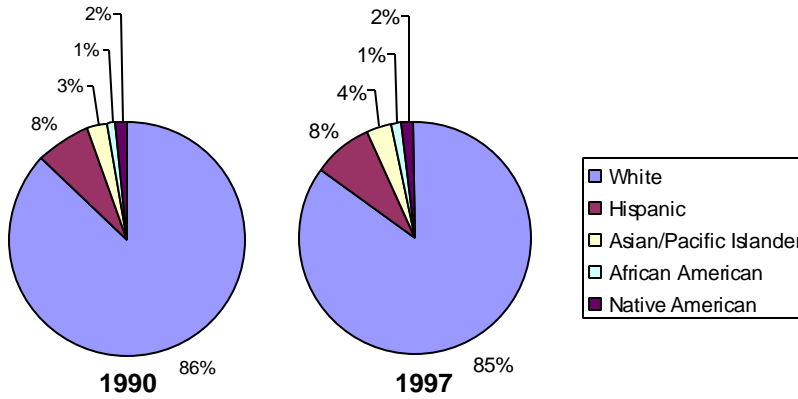
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# Introduction, continued



## Butte County Population

Data source: Department of Finance, State of California [www.dof.ca.gov](http://www.dof.ca.gov)



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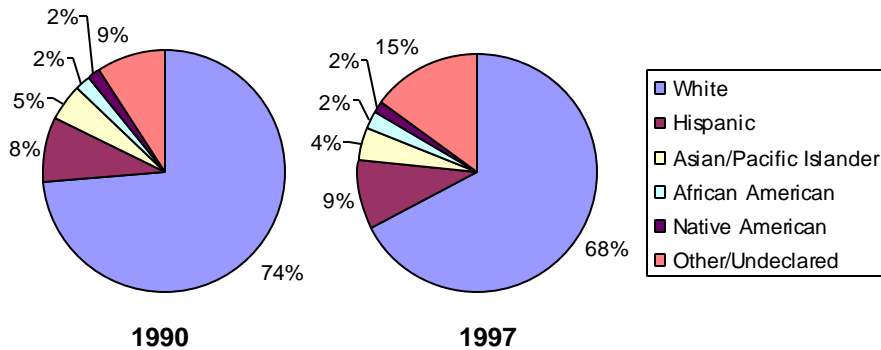
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# Introduction, continued



## CSU, Chico Student Population

Data source: CSU-Chico, Office of Institutional Research, [www.safari.csuchico.edu](http://www.safari.csuchico.edu)



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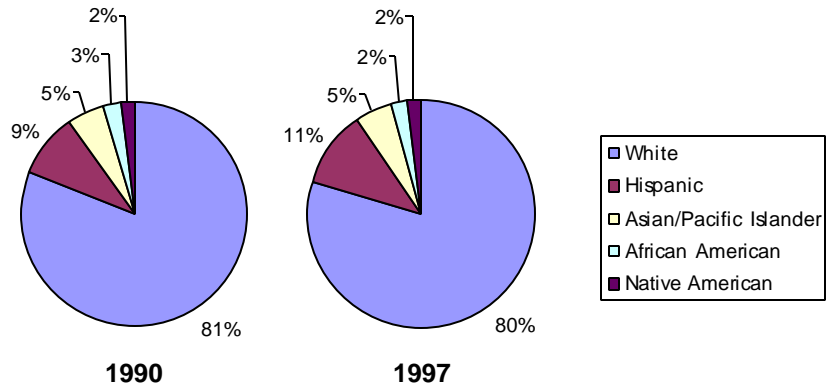
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## Introduction, continued



### CSU, Chico Student (Declared) Population

Data source: CSU-Chico, Office of Institutional Research, [www.safari.csuchico.edu](http://www.safari.csuchico.edu)



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## Addressing the Problem



- **Under-representation**
  - significantly worse in our discipline
  - national concern
- **CSU, Chico Special Programs**
  - MESA
  - AMP
- **What seems to be needed?**
  - A more diverse, multi-cultural community



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## Project Goals and Objectives



- **Goals**
  - increased enrollment
  - increased retention
- **Objectives**
  - increased enrollment in CS, CIS, MS, ECT
  - increased graduation rate in CS, CIS, MS, ECT
- **General Approach**
  - create awareness and increased sensitivity
  - provide inspiration, encouragement, assistance, network



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## Approach/Methodology



### Activities Proposed

- Distinguished Speaker Series
- Recruitment of Target Groups
- Devoted Web Page
- Computer Lending Program
- Scholarship Program
- Graduate Research Funds
- Student Travel Activities
- Local Internships and Cooperative Placements



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# Budget



Item	Estimated Annual Need	Anticipated Matching Funds	Amount Being Requested
Speakers	\$18,000	\$6,000	\$12,000
Recruitment – off-site presentations/orientation	\$5,000	\$2,500	\$2,500
Web page development & maintenance	\$3,200	\$1,600	\$1,600
Computer Lending	\$10,000	\$8,000	\$2,000
Private Scholarship Fund	\$5,000	—	\$5,000
Funding for Graduate Research Projects	\$6,400	—	\$6,400
Student Travel Stipends	\$2,400	—	\$2,400
Local internships/coop. (matching funds)	\$6,400	\$3,200	\$3,200
Faculty Summer Stipend (program coordination and orientation)	\$20,000	\$5,000	\$15,000
Faculty Fall Stipend (recruitment and project management)	\$20,000	\$5,000	\$15,000
Faculty Spring Stipend (project management & planning)	\$10,000	\$5,000	\$5,000
Subtotal	\$106,400	\$36,300	\$70,100
2 year duration	x 2	x 2	x 2
<b>TOTAL</b>	<b>\$212,800</b>	<b>\$72,600</b>	<b>\$140,200</b>



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# Benefits and Results



- **Exposure to positive role models**
  - benefits minority and non-minority students
  - community
- **Direct benefits from academic and research opportunities and resources**
- **Nurtures relationships between minority students and the community**
- **Promotes the University and the community as actively pursuing diversity**



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## Project Director, Staff



- **Benjoe A. Juliano, Ph.D., Assistant Professor**
  - Florida State University, 1993
  - Fuzzy Logic; AI; Power Systems grant
- **Patty Ratliff, Ph.D., Assistant Professor**
  - University of California, Berkeley, 1987
  - Unix Systems; Nat' l Hispanic University
- **Reneé S. Renner, Ph.D., Assistant Professor**
  - Florida State University, 1999
  - Neural Networks; AI; GSCAR; BGC
- **Clarke Steinback, Ph.D., Assistant Professor**
  - University of California, Santa Cruz, 1999
  - Graphics; Undergraduate Advisor; Assistive Technology



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