# BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>POSITION TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beth A. Goins</td>
<td>Associate Professor/Research</td>
</tr>
</tbody>
</table>

**EDUCATION/TRAINING** (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

<table>
<thead>
<tr>
<th>INSTITUTION AND LOCATION</th>
<th>DEGREE</th>
<th>YEAR(s)</th>
<th>FIELD OF STUDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Tennessee - Knoxville, TN.</td>
<td>PhD</td>
<td>1988</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>University of Tennessee - Knoxville, TN.</td>
<td>MS</td>
<td>1985</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>King College - Bristol, TN.</td>
<td>BS</td>
<td>1980</td>
<td>Chemistry</td>
</tr>
</tbody>
</table>

**NOTE:** The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.

**A. Positions and Honors.** List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

**Positions and Employment**

- 2001 to Present: Associate Professor, Radiology, Medical School, The University of Texas Health Science Center, San Antonio, TX
- 1995 to 2001: Assistant Professor, Radiology, Medical School, The University of Texas Health Science Center, San Antonio, TX
- 1991 to 1995: Clinical Assistant Professor, Radiology, Medical School, The University of Texas Health Science Center, San Antonio, TX
- 1990 to 1991: Scientist II, Research, Geo Center, Inc., Fort Washington, MD
- 1986 to 1988: Lab Tech II, Research, Johns Hopkins University, Baltimore, MD

**Honors**

- 01/1999: Teacher of the Year, Radiological Sciences Graduate Program
- 01/1998: Fuji Medical Systems/RSNA, Seed Grant for Radiological Research
- 01/1993: International Symposium on Blood Substitutes, Young Investigators Award
- 01/1990: National Research Council Associate Award
- 01/1988: University of Tennessee Center of Excellence in Science Award
B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation.


C. Research Projects:

01/01/2002 -- 12/01/2003

Texas Higher Education Coordinating Board (Texas Advanced Research Program)
Rapid Screening Method Using Aptamer-Liposomes for Customized Cancer Treatment

Role:Co-Investigator

10/01/2001 -- 09/01/2002

UTHSCSA Children’s Cancer Research Center
Aptamer-Liposomes for Diagnosis of Neuroblastoma
Role: Co-Investigator

Office of Naval Research
Development and Assessment of Long Circulation Oxygen Carriers.

Role: Co-Investigator

NIH
Platelet Interaction and Efficacy Studies of LEH

Role: Co-Investigator

Nycomed Amersham
Liposomes for Diagnostic Imaging

Role:

Nycomed Amersham
Tc-99m Labeled Liposomes

Role: Co-Investigator

RSNA Research and Education Fund - Seed Grant
Fluorine-18-Labeled Liposomes for Inflammation Imaging

Role: Co-Investigator

Naval Medical Research and Development Command
In Vivo Red Blood Cell Biodistribution and Circulation Persistence

Role: Co-Investigator

American Heart Association - Texas Affiliate
Mechanism of Intravascular Lung Accumulation of Liposomes in a Rat
Role: Co-Investigator

UTHSCSA Institutional Grant
Targeting of Mocarial Infarct with Tc-99-Liposomes

Role: Co-Investigator