Project Title: Graduate Program In Biomedical Information Science

Project No: G-38-510

Project Director: Dr. Vladimir Slamecka

Sponsor: Public Health Service

Agreement Period: From 7/1/76 Until 6/30/79

Type Agreement: Training Grant No. 1 T15 LM07014-01

Amount: $121,335

Reports Required: Interim Progress, Terminal Progress

Sponsor Contact Person(s):

Technical Matters
Roger W. Dahlen, Ph.D.
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(thru OCA)
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Defense Priority Rating:

Assigned to: Information & Computer Science (School/Laboratory)

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Project File (OCA)
Project Code (GTRI)
Other
GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION
SPONSORED PROJECT TERMINATION

Date: April 28, 1977

Project Title: Graduate Program in Biomedical Information Science

Project No: G-36-510 (Continued by G-36-511)

Project Director: Dr. Shannon Brunjes

Sponsor: Public Health Service

Effective Termination Date: 6/30/77

Clearance of Accounting Charges: 6/30/77

Grant/Contract Closeout Actions Remaining:

- Final Invoice and Closing Documents
- K. Annual Fiscal Report
- Final Report of Inventions
- Govt. Property Inventory & Related Certificate
- Classified Material Certificate
- Other

Assigned to: Information & Computer Science (School/Laboratory)

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Project Code (GTRI)
Other

CA-4 (3/76)
Graduate Program in Biomedical Information Science

1. Describe accomplishments since last report. Describe the significance of any changes in the direction taken by the program during this period.

   2. Publications pending or published and not previously reported? [ ] No [x] Yes If "Yes," list below.

   3. Foreign travel undertaken during the above period? [ ] No [x] Yes If "Yes," describe below.

Training grant LM 07014 and an earlier grant LM 00147, have supported the Graduate Program in Biomedical Information and Computer Science at the Georgia Institute of Technology, jointly with Emory University since January, 1972. This progress report is in support of a request for continuation funds for LM 07014-02 to continue the support of presently enrolled Ph.D. candidates and permit the enrollment of new students including at least one post-doctoral M.D. who will become a Ph.D. student.

The program coordinator position has been filled by Shannon Brunjes, M.D., who has extensive medical computer science research experience. Dr. Brunjes has been at Georgia Tech since September of 1976, and effective as of December 1, 1976, he has become the program director of the two NLM training grants. His curriculum vitae is part of this application for training grant continuation support.

The objective of the program remains essentially the same. The program is described in a new brochure, included as an appendix to this application. The option of a Master of Science degree at Emory, in addition to the Ph.D. degree at Georgia Tech, is spelled out in more detail. The brochure also mentions the post-doctoral program for individuals with the M.D. degree.

The inclusion of "Clinical Methods" taught at Emory is a significant addition to the core course list. This course, which is the same one taught to sophomore medical students, provides an excellent introduction to "database collection" through the history and physical examination.

A key-component in any graduate program is the related research activity. Dr. Brunjes has moved three PDP 11 computers to Georgia Tech to continue his automated medical record research. One grant (final year) is being transferred here and a new application is now being reviewed for a medical database project.

The NLM supported research grant of Dr. Slamecka's is making good progress in cooperation with the Emory faculty and several graduate students are working part-time on this project without NLM trainee stipends.