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Project unit: PSYCH  
Project director(s): HERTZOG C K  
Rev #: 0  
OCA file #:  
Work type: RES  
Document: GRANT  
Contract entity: GTRC  

Project unit: PSYCH  
Project director(s): HERTZOG C K  
Rev #: 0  
OCA file #:  
Work type: RES  
Document: GRANT  
Contract entity: GTRC  

Sponsor/division names: DHHS/PHS/NIH  
Sponsor/division codes: 108  
/ NATL INSTITUTES OF HEALTH  
/ 001  

Award period: 890801 to 900731 (performance)  
901031 (reports)  

Sponsor amount  
Contract value: 61,947.00  
Funded: 61,947.00  
Total to date: 61,947.00  
Cost sharing amount: 0.00  

Does subcontracting plan apply?: N  
Title: INDIVIDUAL DIFFERENCES IN ADULT COGNITIVE DEVELOPMENT (RCDA)  

PROJECT ADMINISTRATION DATA  
OCA contact: Kathleen R. Ehlinger 894-4820  
Sponsor technical contact: MATILDA RILEY, ASSOCIATE DIRECTOR  
BEHAVIORAL AND SOCIAL RESEARCH  
NATIONAL INSTITUTE ON AGING  
BETHESDA, MD 20892  
Sponsor issuing office: JOANNE COLBERT, GRANTS MANAGEMENT SP  
GRANTS MANAGEMENT OFFICE, NIA  
BETHESDA, MD 20892  

Security class (U,C,S,TS): U  
Defense priority rating: N/A  
Equipment title vests with: Sponsor  
NONE PROPOSED  
ONR resident rep. is ACO (Y/N): N  
NIA supplemental sheet: GIT X  

Administrative comments -  
INITIATION OF 5TH YEAR OF GRANT. CONTINUATION OF G-42-609.
GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 03/07/91

Project No. G-42-645
Project Director HERTZOG C K
Sponsor DHHS/PHS/NIH/NATL INSTITUTES OF HEALTH
Contract/Grant No. 5 K04 AG00335-05
Prime Contract No.
Title INDIVIDUAL DIFFERENCES IN ADULT COGNITIVE DEVELOPMENT (RCDA)
effective Completion Date 900731 (Performance) 901031 (Reports)

Closeout Actions Required:

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Subproject Under Main Project No. 
Continues Project No. 

Distribution Required:

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NOTE: Final Patent Questionnaire sent to PDPI.
RCDA Final Report

Final Report: K04 AG00335
"Individual Differences in Adult Cognitive Development
Christopher Hertzog, Principal Investigator

Introduction

The Research Career Development Award provided by the grant supported me during the period of August, 1985 through July, 1990. The RCDA has certainly contributed to the advancement of my career. I began the award period as an Associate Professor of Psychology. My promotion to Professor of Psychology has been approved by the Dean of the College of Sciences and is currently under administrative review. The release from teaching responsibilities I received enabled me to run two R01 research grants, also funded by the National Institute on Aging, and to generate a tremendous amount of interesting data on fundamental questions regarding individual differences in cognition in adult populations.

Publications

The following papers were either published or written during the funding period of the grant:

Refereed Journal Articles


the structural modeling of developmental change. Child Development, 58, 93-109.


**Book Chapters**


Journals (Not Refereed)


Technical Reports/Unpublished Manuscripts


**Book Reviews**


Selected reprints are provided in Appendix A.

**Funded Research During the Award Period**

I was a principal investigator or coinvestigator on a number of funded research projects during the RCDA award period:


"Short Term Change in Memory and Metamemory in the Elderly." National Institute on Aging, Christopher Hertzog, Principal Investigator. 12/1/84 - 06/30/89. Project with D. F. Hultsch and R. A. Dixon (unpaid collaborators) to assess metamemory and memory performance in older adults.

"Aging and Cognitive Correlates of Intelligence." National Institute on Aging, Christopher Hertzog, Principal Investigator. 9/1/84 - 1/31/91. Studies information processing task correlates of psychometric intelligence, analyzed by means of structural equation models. (Total Direct Costs: $567,955).

**Professional Activities**

In addition to conducting empirical research, I also participated actively in several professional societies, presenting papers at a number of scientific meetings and serving on the Executive Committee for Division 20 of the American Psychological Association. I also served as a reviewer for journals and for several funding agencies. Much of this activity
was made possible by the RCDA. My career development is
reflected in the following list of professional experience:

Professional and Honorary Societies

Phi Beta Kappa
Sigma Xi
American Psychological Association (Fellow, Division 20)
American Psychological Society
Gerontological Society
International Society for the Study of Behavioral Development
Psychonomic Society
Society for Research on Child Development

Professional Activities

Member, National Institute of Mental Health Grant Review
Committee (Study Section), Aging, Life Course and Prevention

Ad Hoc Reviewer of grant proposals, National Science Foundation,
National Institutes of Health, William T. Grant Foundation.

Editorial Board, Research on Aging, 1982-present.
Editorial Board, Journal of Gerontology: Psychological Sciences,
1988-present.
Editorial Board, Psychology and Aging, 1987-present.
Editorial Board, Experimental Aging Research, 1987-present.
Editorial Board, Intelligence, 1988-present.
Editorial Board, Journal of Experimental Psychology: General,
1989-present.

Ad Hoc Reviewer, (all of the above), Cognitive Psychology,
Journal of the American Statistical Association, Journal of
Educational Psychology, Journal of Experimental Child Psychology,
Multivariate Behavioral Research, Applied Cognitive Psychology,
Psychological Assessment, Human Factors, Journal of Aging and
Health, Journal of Gerontology: Social Sciences, Psychological
Bulletin.

Chair, Program Committee, APA Division 20 (Adult Development and

Chair, Networks Committee, APA Division 20 (Adult Development and

Member, Educational Committee, APA Division 20 (Adult Development

Member, Networks Committee, APA Division 20 (Adult Development
and Aging), 1985/86.
RCDA Final Report


Member, APA Science Weekend Program Committee, 1988.

Chair, APA Division 20 Program Committee, 1988.

Concluding Statement

I am still working on manuscripts and data analyses of information generated during the RCDA award period, and anticipate that I will be able to thrive professionally on the data sets for the foreseeable future. I am grateful to the National Institute on Aging for supporting my research and my research career development.