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Terminal Budget
Contract AT(45-1)-2225, Tast Agreement 6
May 1, 1970-April 30, 1971

	<u>AEC</u>	<u>U of W</u>
SALARIES		
a) <u>Professional</u>		
C. Alvin Paulsen, M.D., Associate Professor, 15% time		
Todd Thorslund, Sc.D., Biostatistician, 25% time		
b) <u>Non-professional</u>		
Research Technologist II, Donald Moore, full-time		
Research Technologist I, Constance Lowe, full-time thru		
Statistical Assistant, Marian Ursic, 87 1/2% time Sept.		
Secretary IV, Geneva Green, 25% time		
Total salaries	<u>28,473</u>	21,302
SALARY COSTS: State retirement, TIAA premiums, FICA,		
Medical Aid and Life/Health Insurance premiums	<u>3,347</u>	2,236 395
SUPPLIES		
Immature female rats for bioassay	250	
TRAVEL		
One staff member, six trips to Walla Walla	402	
VOLUNTEER STIPENDS		
a) 12 inmate volunteers @\$10/mo until off program	390	
b) 12 vasectomies @\$100/inmate and \$60/physician	1,920	
c) 12 biopsies @\$25	300	
Total stipends	<u>2,610</u>	
MISCELLANEOUS SERVICES		
a) Shipping specimens	348	
b) Computer time	200	
Total miscellaneous	<u>548</u>	
INDIRECT COSTS: 27% of salaries and wages	<u>7,688</u>	5,752 1,071
TOTAL BUDGET	<u>\$ 32,448</u>	43,318 5,416
	89%	11%

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REPOSITORY DOE Forrestal
COLLECTION Markey Files
BOX No. 2 of 6
C.A. Paulsen (45-1) 2225
FOLDER Univ. of Washington
Agreement #C

CURRICULUM-VITAE:

NAME: DR. David Morritz de Kretser.

DEPARTMENTAL ADDRESS:

Department of Anatomy,
Monash University,
Clayton, Victoria 3168
Australia.

PRIVATE ADDRESS:

DATE OF BIRTH: at Colombo, Ceylon.

NATIONALITY: Australian.

MARITAL STATUS: Married. 2 children aged 5 years, 2 years.

ACADEMIC RECORD:

A. MEDICAL COURSE UNIVERSITY OF MELBOURNE (1957-1962)

Honours during course:

1st. class in Physics and Chemistry (1st year)
2nd. class in Biochemistry & Physiology (2nd.yr)
1st. class in Biochemistry (3rd. year)
2nd. class in Physiology including Exhibition
in Physiology (3rd. year).
2nd. class in Pathology, 3rd. class in
Microbiology (4th. year).

Final Examination:

1st. class in Surgery, including Exhibition.
3rd. class in both Medicine, Obstetrics
and Gynaecology.

Position in class of 180 at Final Examination: 2nd.

GRADUATED: Bachelor of Medicine, Bachelor of Surgery
(M.B., B.S.) 1962.

B. POSITIONS SINCE GRADUATION:

1963: Junior Resident Medical Officer, Prince Henry's
Hospital, Melbourne, with terms in Medicine,
Surgery, Casualty and Anaesthetics.

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- 1964: Senior Resident Medical Officer, Prince Henry's Hospital with terms as Hospital Admitting Officer, Orthopaedic Surgery, Gynaecology and Ear, Nose and Throat Diseases.
- 1965: Demonstrator Department of Anatomy, Monash University.
- 1966-1968: Lecturer, Department of Anatomy, Monash University.
Clinical Assistant, Endocrine Clinic, Royal Women's Hospital, Melbourne.
- 1968: Senior Lecturer, Department of Anatomy, Monash University.

C. ACADEMIC RECORD SINCE GRADUATION:

- 1966: Passed Primary Examination for Royal Australasian College of Surgeons.
- 1967: Holder of National Health and Medical Research Council Grant for investigation into the Structure and function of the human testes and its response to gonadotrophic treatment.
- 1968: Thesis for Doctor of Medicine ready for submission.
- 1968: Recipient of grant from Rural Credits Fund of Australia.

D. PUBLICATIONS:

1. The fine structure of the testicular interstitial cells in men of normal androgenic status. Z. Zellforsch., 80: 594, 1967.
2. Endocrine and histological studies during human pituitary and chorionic gonadotrophin treatment of oligospermia. With H.P. Taft. Med. J. Aust., Vol. II for 1967, p. 513. Proc. Aust. Endocrine Society, 1967.
3. Changes in the fine structure of the interstitial cells of the human testis after treatment with human pituitary and chorionic gonadotrophin. Z. Zellforsch., 83, 344, 1967.
4. Endocrine and histological studies on oligospermic men treated with human pituitary and chorionic gonadotrophin. With H.P. Taft, J.B. Brown, J.H. Evans, and B. Hudson. J. Endocr.: 40; 107, 1968.
5. The fine structure of the human testis in hypogonadotrophic hypogonadism. Proc. Aust. Conf. on Electron Microscopy, p. 53, 1968.

6. Ultrastructural studies on the human Sertoli cell. *J. Anat. (Lond.)*, 103: (In Press), 1968. Proc. Anatomical Society of Aust. and New Zealand. 1967.
7. Ultrastructural features of human testicular interstitial cells. *J. Anat. (Lond.)*, 103: (In Press), 1968. Proc. Anatomical Society of Aust and New Zealand. 1967.
8. Crystals of Reinke in the nuclei of human testicular interstitial cells. *Experientia* 24: 587, 1968.
9. The clinical uses of human gonadotrophins. With H.P. Taft, F.D. Adey, J.B. Brown, J.H. Evans, and B. Hudson. *Aust. Ann. Med.* (In Press), 1968.
10. The fine structure of the immature human testis in hypogonadotropic hypogonadism. *Virchow's Archives* (In Press), 1968.
11. Studies on the autoradiographic localisation of I^{125} labelled luteinizing and growth hormone in the immature rat. With H.G. Burger, K.J. Catt, and G.C. Smith. *J. Anat.* (In Press), Proc. Anatomical Society of Australia and New Zealand (1968).
12. The human testicular interstitial cell. Demonstration at 2nd. Conf. of New Zealand Society for Electron Microscopy, Dunedin, 1967.
13. Autoradiographic Studies on the localisation of I^{125} labelled human luteinizing and human growth hormone in immature male rats. With K.J. Catt, H.G. Burger, and G.C. Smith. Submitted to *J. Endocrinol.*
14. The conversion of cholesterol to Androgens by Rat Testes; Comparison of interstitial cells and seminiferous tubules. With D. Irby and P.F. Hall. Submitted to *Endocrinology*.
15. Histochemical demonstration of Δ^5 3β Hydroxy-steroid dehydrogenase activity in the developing rat testis, with D.W. Lording. Proc. of Australian Endocrine Society in Med. J. Australia, In Press.

16. On the presence of immunoreactive growth hormone in a bronchogenic carcinoma. With D.P. Cameron, H.G. Burger, K. J. Catt and J.B. Best. Aust. Ann. Med. (In Press).
17. Ultrastructural features of human spermiogenesis. Z. Zellforsch. (In Press).
18. Ultrastructural features of human spermiogenesis. Proc. of Anatomical Society of Aust. and New Zealand. J. Anat. (Lond.) Abst. (In Press).
19. Interstitial cells in the developing rat testis. With D.W. Lording. Proc. of Anatomical Society of Aust. and New Zealand. J. Anat. (Lond.) Abst. (In Press).
20. Thesis: "Studies on the structure and function of the human testis". Submitted for Doctorate in Medicine at Monash University, Clayton, Victoria, Australia.

CURRENT APPOINTMENT: Senior Fellow in Medicine, University of Washington School of Medicine, effective 9/18/69. (NIH International Postdoctoral Fellowship awardee.)

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Continuation of
 Contract #AT(45-1)-2225, Task Agreement 6
 May 1, 1970-April 30, 1971

	<u>AEC</u>	<u>U of W</u>
SALARIES		
a) <u>Professional</u>		
C. Alvin Paulsen, M.D., Associate Professor, 25% time		
Todd Thorslund, Sc.D., Biostatistician, 25% time		
b) <u>Non-professional</u>		
Research Technologist II, Donald Moore, full-time		
Research Technologist I, Constance Lowe, full-time		
Research Technologist I, Shirley Jokisch, 30% time		
Research Technologist I, Florida Flor, 25% time		
Laboratory Technician, Margaret Couture, 50% time		
Secretary, Geneva Green, 50% time		
Statistical Assistant, Marian Ursic, 87 1/2% time		
Total salaries	38,275	
SALARY COSTS: State retirement, TIAA premiums, FICA, Medical Aid and Life/Health Insurance premiums	4,551	658
SUPPLIES		
a) <u>Laboratory</u>		
Glassware	875	
Reagents	1,000	
Supplies for radioimmunoassay, including I ¹³¹ , I ¹²⁵	1,100	
Supplies for Coulter counter (saponin, replacement tubes, saline, etc.)	600	
Miscellaneous laboratory supplies	700	
Surgical supplies	250	
b) <u>Office</u>	400	
Total supplies	4,925	
TRAVEL		
a) One staff member, twice monthly to Walla Walla	1,680	
b) Four members of research project to scientific meetings	1,600	
Total travel	3,280	
VOLUNTEER STIPENDS		
a) 64 inmate volunteers @\$15/month	9,600	
b) 36 biopsies/year @\$15	540	
c) 8 vasectomies @\$100/inmate and \$60/contract physician	1,280	
Total stipends	11,420	
MISCELLANEOUS SERVICES		
a) Shipping specimen containers to and from Walla Walla	950	
b) Photomicrographs, charts, illustrations	1,500	
c) Rental, G.E. Maximar	4,370	
d) Service contract for Coulter counter	523	
e) Communications costs	400	
f) Vivarium costs	600	
g) Computer costs	150	
Total miscellaneous	8,493	
INDIRECT COSTS: 27% of salaries and wages	10,334	1,777
TOTAL BUDGET	81,278	9,018

100148 *Normal operating budget (for info.)*