

6 - 7

Summary Card

418 Halemaumau Street
Honolulu, Hawaii 96821

August 10, 1987

Mrs. Gladys Brandt
University of Hawaii Foundation
Bachman Hall 101
2444 Dole Street
Honolulu, Hawaii 96822

Dear Gladys,

Haven't forgotten your letter of 10-21-86 relative to the U. of H. Foundation Presidents Club. Besides, Ko Miyataki makes sure that I don't forget!

Although Hokulea has returned, "unanticipated bills" keep showing up on my desk. So what's new! We are happy that everyone is home safe.

At this time I would like to make the following contribution plus pledge to the University of Hawaii Foundation:

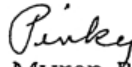
1. First year's contribution of a 10 year pledge of \$1000 per annum.- Unrestricted Funds;
2. \$50,000 - Restricted Funds - To be utilized by the Curriculum Research and Development Group headed by Dr. Arthur King (University of Hawaii Foundation Code Account number 12-152-0). These Funds and Kamehameha School's detaching Holoua Stender to the group for a year's paid leave of absence will enable the group to begin the project. In addition, Channel 9 will make available all of their video materials. Please see the attached description. It is hoped, that the Board of Regents can favorably consider including this project in the U. of H. supplemental budget request to the 1988 Legislature. In the meantime I will encourage the U. of H. gang to seek additional support from other private sources. At any rate, this is the project I discussed with you when I called about your Japan trip.

University of Hawaii Foundation - Page 2

If you haven't left for Japan, have a good and successful trip. At any rate, I assumed that Neil had worked out with you re: gifts. I have double checked with Mrs. Oana. I believe that she has been in touch.

Next year, pending my income, I will look toward another contribution to the Curriculum Development Program.

Sincerely,

A handwritten signature in cursive script, appearing to read "Pinky".

Myron B. Thompson

Encl. Check to U. of H. Foundation
Curriculum Design Project

cc. of Letter: Ko Miyataki
Dr. Arthur King
Suzanne Ramos

DRAFT

HOUSE OF REPRESENTATIVES
FOURTEENTH LEGISLATURE, 1987.
STATE OF HAWAII

H.B.D. FIN
H.B. NO. 1886

A BILL FOR AN ACT:

MAKING AN APPROPRIATION FOR A HOKULE'A CURRICULUM DESIGN
PROJECT.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. Purpose. The 1976 voyage of the Hokule'a
2 was hailed as one of the events that opened the Hawaiian
3 Renaissance. In 1980 the Hokule'a was navigated by the
4 first Polynesian since ancient times to navigate a
5 Hawaii-Tahiti-Hawaii voyage without instruments. Combined
6 with the archaeological evidence, the 1985-1987 voyage has
7 proven convincingly that migrants from Asia island-hopped
8 their way across the Pacific to settle "the largest nation
9 on earth" by 900 A.D..

10 These Hokule'a voyages have earned a place in
11 history. They have expanded the body knowledge of the
12 many aspects of Polynesian migration, resulting in books,
13 articles for magazines and scientific journals, television
14 coverage, educational materials and exhibits.

15 The purpose of this Act is to establish a curriculum
16

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00741

H. B. NO. 1886

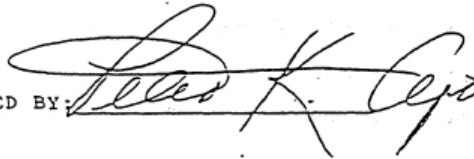
design project that would capitalize on and enhance the Hoku'e'a place in history by using the information acquired from all three voyages. The project will not add another course to an already crowded school schedule but will allow for revisions and additions to the curriculum of existing courses for literature production and a summer science program in support of the curriculum.

SECTION 2. There is appropriated out of the general revenues of the State of Hawaii the sum of \$411,275, or so much thereof as may be necessary for fiscal year 1987-1988, to establish a curriculum design project that would include the latest information on Polynesian migration acquired from the Hoku'e'a voyages in curriculum development which is currently underway and in areas of demonstrated need for students in grades one through ten.

SECTION 3. The sum appropriated shall be expended by the University of Hawaii for purpose of this Act.

SECTION 4. This Act shall take effect on July 1, 1987.

INTRODUCED BY:



100

	GRADES	FTE (11 MONTHS)										2448/mo +40% fringe & overhead WRITER- DEVELOPER EA IV	RESEARCHER 5.60/hr.
		DESIGN	DEVELOPMENT	TESTING	REVISION	WRITER (FTE)	RESEARCHER (FTE)	STUDENT HELPER	ARTIST-PHOTOGRAPHER	EDITOR			
INTERVIEWS & TRANSCRIPTS	NA	1.5	3.5	NA	NA	5	NA	1.6	1.25	.25		\$17,136	NA
TRADE BOOKS	3-6	3	8	1	2	14	13.9	5	1.5	.25		\$47,981	\$3,405
4TH GRADE SOCIAL STUDIES	4	1	6	1	2	10	13.9	4	.84	.50		\$34,272	\$3,405
FIELD TRIP PACKETS	1-3, 4-6, 7-9	1	6	1	2	10	13.9	4	.84	.50		\$34,272	\$3,494
ASIAN-PACIFIC LITERATURE	10	.25	.25	0	0	.5	.30	1.25	.825	1.25		\$1,714	\$224
ELEMENTARY HEALTH, SCIENCE, & TECHNOLOGY	2-6	1	9	1	2	13	13	5.5	1.7	1.50		\$44,554	\$11,648
SUNNER SCIENCE	5-9	.5	8	1.5	2	12	0	1	.56	.25		\$41,126	\$0

COST								
STUDENT HELPER 3.80/hr	ARTIST- [PHOTOGRAPHER] EA IV	EDITOR	SUPPLIES	PRINTING FOR TESTING	C-R PRODUCTION & FINAL PRINTING FOR LIBRARY DISSEMINATION	Column "S"	Column "P"	TOTAL
						TOTAL THUS FAR	PRINTING MULTIPLE COPIES FOR CLASSROOM USE FOR 1ST YEAR	
\$973	\$428	\$857	\$200	NA	\$10,960	\$29,654	NA	\$29,654
\$3,840	\$5,140	\$857	\$750	\$1,152	\$49,920	\$112,245	\$265,200	\$377,445
\$2,432	\$2,892	\$1,714	\$100	\$920	\$3,571	\$49,306	\$7,310	\$56,616
\$2,432	\$2,892	\$1,714	\$100	\$144	\$857	\$45,905	\$1,450	\$47,355
\$76	\$86	\$428	\$125	\$89	NA	\$2,742	NA	\$2,742
\$3,344	\$5,026	\$1,714	\$100	\$1,593	\$5,157	\$73,936	\$5,157	\$79,093
\$608	\$1,928	\$857	\$100	\$622	\$2,746	\$47,487	\$2,246	\$49,733

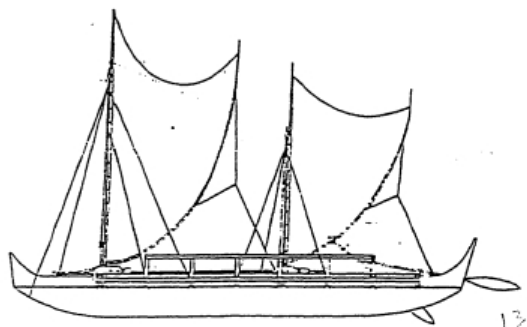
TOTAL OF COLUMN "5" ABOVE	\$361,275		GRAND TOTAL
TO START UP PRINTING SYSTEM	\$50,000		
	\$411,275	OR	\$642,638

COMPUTER SIMULATION	4-9	1	4	.5	1	16.5	Use Same One As Above	NA	NA	.25		\$22,277	NA
OPTIONAL IA PLAY	3-8	.5	2	.5	1	4	Use Same One As Above		NA	.25		\$13,709	NA
							Use Same One As Above						
							Use Same One As Above						
BOOK FROM INTERVIEWS	9-12	.5	6	.5	1	8	Use Same One As Above			.25	.50	\$27,418	NA

NA	NA	\$857	\$100	\$100	\$1,170	\$24,504	\$2,079	\$26,583
\$608	NA	\$857	\$100	\$96	\$988	\$16,358	NA	\$16,358
\$608	\$857	\$1,714	\$100	\$458	\$1,780	\$32,935	\$10,680	\$43,615

DOCUMENTS CAPTURED AS RECEIVED

CURRICULUM DESIGN PROJECT



Planning Group

*Suzanne Ramos
Holoua Stender
Robert Lindsey*

*The Kamehameha Schools/
Bernice P. Bishop Estate*

*Arthur King, Ph.D.
Linda Menton, Ph.D.
Eileen Tamura
Loretta Krause, Ph.D.
Pat Butler
Lee Kyselka
Frank Pottenger, Ph.D.*

*Curriculum Research & Dev. Group
University of Hawaii*

12/19/86

SUMMARY

Each voyage of the HOKULE'A has expanded the body of knowledge of the many aspects of Polynesian migration. The Curriculum Design Project is designed to use the information gained on the voyages in the school curriculum for grades 1 through 10.

The intent is not to add another course to the already crowded school schedule, but to revise and add to existing curriculum.

The work will be done by the Curriculum Research and Development Group of the University of Hawaii. The target group is public school children.

The total budget for a four year project is \$411,275 (or \$102,819 per year) if the schools purchase finished materials or \$642,638 (or \$160,660 per year) if all materials are provided.

Curriculum Development Grades 1 - 10

- Trade Books
Three children's books for grades 3-6
- Social Studies/Hawaiian Studies
Five booklets with a teacher's guide to supplement the 4th grade curriculum
- Field Trip Packets
Develop 3 - lower elementary
 - upper elementary
 - intermediate
- Asian Pacific Literature
Develop four additions to grade 10 textbook
- Elementary Science/Health/Technology
Integrate concepts illustrated by Mokule'a into the regular curriculum for grades 3-6
- Summer Science
An exportable program for grades 5-9 simulating the experiences of early Polynesian voyages

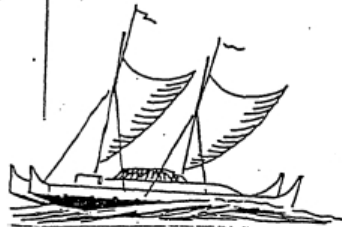


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CURRICULUM DESIGN PROJECT

The voyages of the HOKULE'A have a place in history. The 1976 voyage was hailed as one of the events that opened the Hawaiian Renaissance. In 1980, the HOKULE'A was navigated by the first Polynesian since ancient times to navigate a voyage without instruments. Combined with the archaeological evidence, the 1985-87 voyage has proven convincingly that migrants from Asia island-hopped their way across the Pacific to settle "the largest nation on earth" by 900 AD. As Senator Matsunaga said, "the ancients [Polynesians] could do things that we didn't think possible."

Each voyage of the HOKULE'A has expanded the body knowledge of the many aspects of Polynesian migration and has resulted in books, articles for magazines and scientific journals, TV coverage (both national and local), and educational materials, including a joint exhibit in The Lawrence Hall of Science, University of California Berkeley, and the Bishop Museum.

The Curriculum Design Project is intended to capitalize on and to enhance the HOKULE'A's place in history by using the information gained on all three voyages. The goal is to include the latest information on Polynesian migration in curriculum development which is currently underway and in areas of demonstrated need for students in grades one through ten. The Project is not proposing the addition of another course in an already crowded school schedule, but revisions and additions to existing curriculum for existing courses and support of the curriculum through literature production and a summer science program.

The length of time needed for the project is four years. The budget for the entire four years is \$411,275 if the schools purchase the materials, or \$642,638 if multiple copies are produced for classroom use at no additional cost to the public schools the first year.

CURRICULUM RESEARCH & DEVELOPMENT GROUP

The University of Hawaii and the Department of Education of the State of Hawaii have a long-standing and productive relationship in curriculum development, including the designing, crafting, and publishing of educational materials. The Office of Instructional Services of the DOE and the Curriculum Research & Development Group (CRDG) of the University's College of Education are the two specific agencies in this cooperative effort. From this relationship, a large quantity of materials has been produced. In some cases, the two agencies have developed material independently. Many of the materials represent themes related to Hawaii and the Pacific, and instructional strategies that have been shown to work with island children.

One example of curriculum development by CRDG is the FAST (Foundation Approaches in Science Teaching) program which is used at the University Lab School, in the DOE, at The Kamehameha Schools, in other private schools in Hawaii, and in schools on the mainland.

The choice of the Curriculum Research & Development Group as the lead agency for this project is based on CRDG's relationship with the DOE, its 20 year history, its use of the Lab School at the University of Hawaii to test and refine new materials, and its membership in the Pacific Circle Consortium, an organization dedicated to the improvement of teaching about the Pacific Ocean itself.

Two other institutions will be cooperating in the Curriculum Design Project; they are the State Department of Education, whose relationship with CRDG has been described, and The Kamehameha Schools. The Kamehameha Schools has a formal Statement of Understanding with the Department of Education reflecting a working relationship intended to enhance mutual efforts to assist a greater number of Hawaiian students in receiving the benefits of education. While The Kamehameha Schools' primary beneficiaries are Hawaiian, addressing their needs in the public schools should benefit all children of Hawaii.

The designation of CRDG as the lead agency with cooperating agencies, The DOE and The Kamehameha Schools, addresses--in part-- the issue of impact. The project will have impact if the materials are used in the DOE, UH Lab School, The Kamehameha Schools, and other private schools, not just for present while the accomplishments of the HOKULE'A are in the public eye, but also for the future, to record the significance of the voyages, scientifically, culturally, and historically.

ORGANIZATIONAL STRUCTURE OF THE CURRICULUM DESIGN PROJECT

The organizational structure of the project takes into consideration the cooperation and talents of people from several institutions. There is a steering committee which will meet regularly to advise the curriculum developers regarding desired goals and outcomes, and to monitor progress. The working groups, housed at the University of Hawaii Lab School are divided into five major areas--Data Collection, Literature Production, Social Studies/Hawaiian Studies, Science, and Elementary School Specialists. In addition, there is a list of Resource People and Consultants who can contribute to the project.

Steering Committee:

Myron B. Thompson, Chairman
Trustee, The Kamehameha Schools/Bishop Estate
President, Polynesian Voyaging Society

Peter K. Apo
Representative District 49
State House of Representatives

Lokomaikaio Kalani Snakenberg
Education Specialist II, Hawaiian Studies
Social Studies and Arts Section, Department of Education

Arthur King Ph.D.
Director, Curriculum Research & Development
University of Hawaii

Brifj Lal Ph.D.
Associate Professor of History, Pacific History Specialist
University of Hawaii

Ben Finney Ph.D.
Professor of Anthropology
University of Hawaii

Nainoa Thompson
Polynesian Voyaging Society
Navigator: Hokule'a

Fred Cachola
Director, Extension Education
The Kamehameha Schools

Working Groups: (list incomplete; to be completed)

Data Collection

Literature Production

Cheryl Harstead CRDG

Social Studies/Hawaiian Studies

Eileen Tamura CRDG
Linda Menton Ph.D. CRDG
Holoua Stender The Kamehameha Schools

Science

Frank Pottenger Ph.D. CRDG
Don Young Ph.D. CRDG
Will Kyselka Bishop Museum

Elementary School Specialists

Pat Butler

CRDG

Resource People/Consultants:

Robert Lindsey
Agency Liaison
The Kamehameha Schools/Bishop Estate

Daryl Pescaia
Teacher, Hawaiian Studies
Department of Education

Edward Dixon Stroup, Ph.D.
Associate Professor of Oceanography
University of Hawaii
Chairman, research committee: Polynesian Voyaging Society

Larry Loganbill
Director/Department Head/ Media Production
Center for the Development of Early Education
The Kamehameha Schools

Suzanne Ramos
Special Projects Coordinator
The Kamehameha Schools/Bishop Estate

Dick Rhodes
University of Hawaii (retired)
graphic artist
crewmember on Hokule'a
737 Kalanipuu Street
Honolulu, Hawaii 96825 (395-8614)

CURRICULUM DESIGN PROJECT COMPONENTS

Interviews and Transcripts

Interview four HOKULE'A crewmembers. Each person will be interviewed on video for three ninety minute sessions. Each person will also be interviewed in a preliminary session that will not be taped. KGMB sent two people on the voyage from Tahiti to Hawaii. They have agreed to give the project access to all the video from the voyage.

Purpose:

The purpose of the interviews is to gain information that can be used as data in various segments of the project, including the children's tradebooks, the fourth grade social studies project, the field trip packets. The interviews will also generate a set of transcripts to be published.

Personnel Needed:

Basic Cost: \$29,654

- 1 interviewer
- 1 transcriber
- 1 editor
- 1 cameraman

Tradebooks

Write three children's books about the HOKULE'A or related subjects aimed at children grades 3-6.

Purpose:

Few tradebooks, about the HOKULE'A or related subjects, exist for children in the elementary grades. The purpose of this component is to produce appropriate books that can be used in literature programs in schools, or as tradebooks in libraries, or as tradebooks on the market in local bookstores.

Personnel Needed:

Basic Cost: \$112,245

- 1 writer
- 1 artist
- 1 researcher
- 1 editor

Fourth Grade Social Studies/Hawaiian Studies

Supplement the DOE's curriculum guides, **Early Hawaiian Life, Hawaiian Studies Curriculum Guide, Elementary Social Studies Program Guide**. Materials about the HOKULE'A can be used to supplement sections in these guides dealing with geography, migration, canoe building, and information dealing with non-western perspectives regarding exploration and navigation.

Purpose:

This component supplements the DOE curriculum by producing a series of five booklets of readings and activities at the 4th grade level.

Personnel Needed:

Basic Cost: \$49,306

- 1 curriculum developer
- 1 researcher
- 1 artist/photographer
- student help (UH)
- 1 editor

Field Trip Packets

Develop three packages of materials to be used before, during, and after class trips to the HOKULE'A and a teacher's guide which includes background information for teachers. Each packet will stand on its own although certain concepts may be repeated in all three. Each packet will be developed around a different theme. Each packet will be geared to different grade levels: lower elementary, upper elementary, and intermediate.

Purpose:

The purpose of this component is to develop materials appropriate to different grade levels of students and to provide teachers with information to make the class trip worthwhile. It supplements curriculum in elementary and intermediate school and could be used by any school, public or private.

Personnel Needed:

Basic Cost: \$45,905

- 1 curriculum developer
- 1 researcher
- student help (UH)
- 1 artist/photographer
- 1 editor

Asian Pacific Literature

Write a story, play, poem, and/or chant with appropriate activities to augment an existing text that is being revised for the tenth grade.

Purpose:

This textbook focuses on Asia and the Pacific. It is one of the few in existence that meets the needs of a secondary program. The purpose is to integrate more information about Polynesia into the book.

Personnel Needed:

Basic Cost: \$ 2,742

- 1 curriculum developer
- 1 editor
- 1 artist
- 1 researcher

Elementary Science/Health/Technology

This is a project for elementary school that is underway at this time and is of national scope. Concepts illustrated by the HOKULE'A will be integrated into the program which will encompass the study of canoes, navigation, survival environments, Hawaiian agriculture, and astronomy. The activities will include experiments, observations, technological activities, field trips, simulations, readings, and computer-assisted evaluation. The grade levels affected are grades 2 through 6.

Purpose:

The purpose is to expand the program by integrating Polynesian concepts into the curriculum.

Personnel Needed:

Basic Cost: \$73,936

- 1 curriculum writer
- 1 researcher
- 1 artist/photographer
- student help (UH)
- 1 editor

Summer Science

This component will engage students in outdoor experiences in the ocean. It will use the sea, the sky, and the land to recreate activities of early Polynesian voyagers and settlers. The program will include in-the-water activities with canoes, experiments with Hawaiian agriculture and marine-culture as well as studying the wayfaring arts using the planetarium and night skies.

Purpose:

The purpose of this program is to simulate real life experiences as a learning device for grades 5 through 9. By recreating the early experiences of the early Polynesian voyagers and settlers, students will be able to link the past with the present. Members of the community involved in Polynesian voyaging and cultural preservation will be involved in planning and carrying out such activities. This program will be "exportable"---that is, it will be designed to be used in other Oahu and Neighbor Island summer programs. The program will include numerous hands-on activities as well as more traditional academic activities.

Personnel Needed:

Basic Cost: \$47,487

- 1 curriculum writer
- 1 artist/photographer
- 1 editor
- student help

OPTIONAL COMPONENTS

These three components were developed as alternates, to be used if circumstances dictate changes.

Computer Simulation

Develop a computer simulation exercise dealing with decisions that would be made by the HOKULE'A crewmembers under specified circumstances. The simulation would also incorporate information about navigation, astronomy, etc. and would be geared to grades 4-9.

Purpose:

The program will help students simulate real-life decisions and the consequences of those decisions. It also gives students experience in manipulating computerized data and reinforces computer literacy.

Personnel Needed:

Basic Cost: \$24,504

- 1 writer/programmer
- 1 editor for teacher manual
- researcher shared by other projects

Commissioning a Play

The Honolulu Theater for Youth would be commissioned to produce a play for school students and the general public. The play's topic would be the HOKULE'A. Pre- and post-play activities for classroom use could also be developed.

Purpose:

The purpose is to write and produce a play suitable for school children.

Personnel Needed:

Basic Cost:\$16,358

- 1 writer
- 1 editor
- student help (UH)
- researcher to be shared with other projects

BOOK (from Interviews in First Component)

Write a full length book from the oral history interviews/transcripts. The book would be geared toward grades 9-12.

Purpose:

The narrative would be geared to general reading whereas the transcripts are for a specific purpose---the gathering of historical information.

Personnel Needed:

Basic Cost: \$32,935

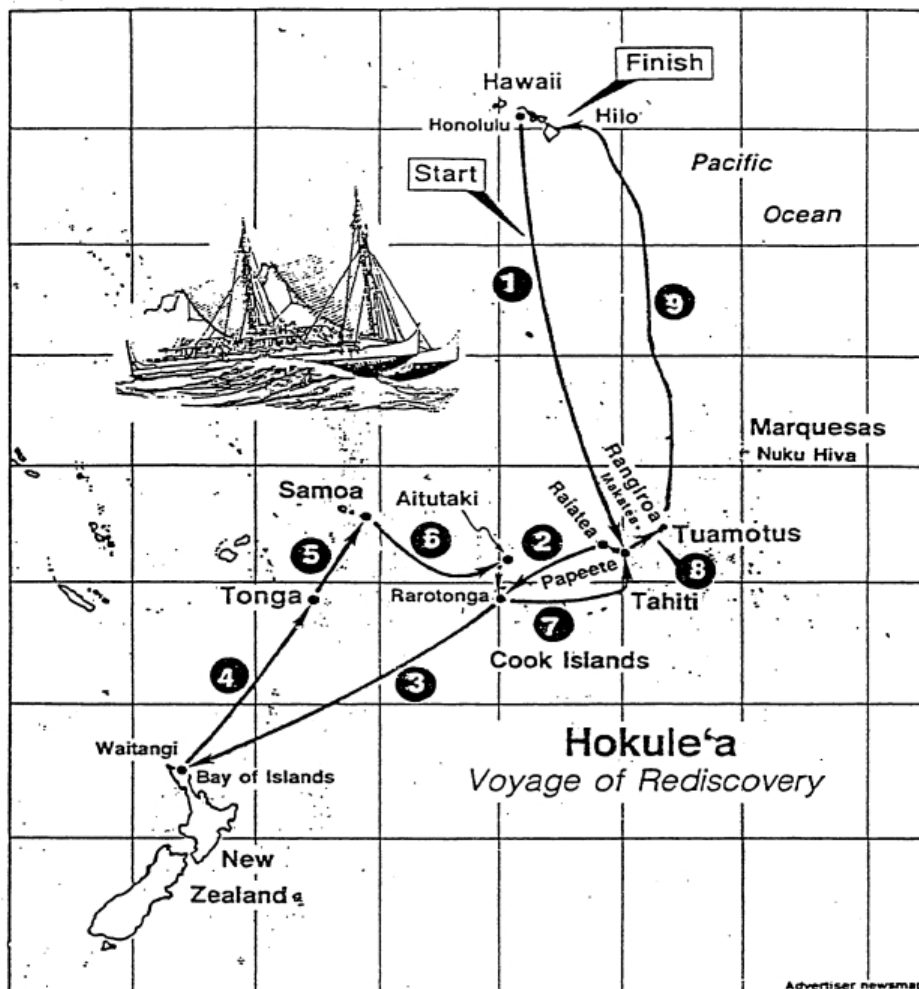
- 1 writer
- student help (UH)
- 1 artist/photographer
- 1 editor
- researcher shared with other projects

BUDGET SUMMARY

COMPONENT	BASIC COST	MULTIPLE COPIES
Interviews & Transcripts	29,654	-0-
Trade Books	112,245	265,200
4th Grade SS/Hawaiian Studies	49,306	7,310
Field Trip Packets	45,905	1,450
Asian-Pacific Literature	2,742	-0-
Elementary Health/Science/Tech.	73,936	5,157
Summer Science	47,487	2,246
	<u>361,275</u>	<u>281,363</u>
Start up Printing System	50,000	
	<u>411,275</u>	
Total Both Columns with multiple copies for classroom use.		642,638

OPTIONAL COMPONENT COSTS

Computer Simulation	24,504	2,079
Play	16,358	-0-
Book from Interviews	32,935	10,680



Map shows a chronology of Hokule'a's "Voyage of Rediscovery":

1. Hawaii to Tahiti, July 10 to Aug. 11, 1985. (2,980 miles).
2. Tahiti to Cook Islands, Aug. 30 to Sept. 14, 1985. (845 miles).
3. Cook Islands to New Zealand, Nov. 21 to Dec. 7, 1985. (1,739 miles).
4. New Zealand to Tonga, May 1 to 11, 1986. (1,208 miles).
5. Tonga to American Samoa, May 23 to 25, 1986. (345 miles).

6. American Samoa to Cook Islands, July 7 to 16, 1986. "Impossible" sail east against the trades. (1,288 miles).

7. Cook Islands to Tahiti, Aug. 12 to 21, 1986. Another "impossible" sail east against the trades. (932 miles).

8. Papeete, Tahiti to Rangiroa, Tuamotu Islands, April 2 to 4, 1987. (215 miles).

9. Rangiroa to Hilo, Hawaii, April 24 to May 21, 1987 (3,069-mile open ocean sail).

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dk/blw/88
5/24

Curriculum Design Project

Purpose: Add the information gained from the voyages
of the Hokule'a to the school curriculum
grades 1 thru 10.

Agency: Curriculum Research & Development Group
University of Hawaii

Length of Project: 4 years

Total Budget: \$411,275 / \$642,638

August 31, 1988

MEMO TO: Holoua Stender

FROM: Linda Menton

SUBJECT: 1988-89 Duties at CRDG

Welcome back to CRDG. We are very pleased that you will be working with us again this year. Here is a list of some of the projects we would like you to complete or work on this year. We can discuss the list further when we meet and make necessary adjustments.

1. Complete the video guide to the KGMB videotape "Proud Voyage Home." (I suggest you try the draft with your own class if you have not already done so).
2. Test out the materials Bruce Larson is developing-a field trip packet focused on the *Hōkūle'a* for upper elementary students (I realize the materials will be too easy for your 9th graders but we would appreciate your opinion on the materials).
3. Continue, as we discussed, to teach one section of Grade 9, Modern Hawaiian History. This will give you a means to test experimental materials on the *Hōkūle'a* that are being developed. We appreciate your volunteering to teach again this year.
4. You may want to take some time to evaluate the K.S. summer school programs on the *Hōkūle'a* during Summer '88, especially if you plan to repeat the programs next year. Let me know if we can be of any assistance with this.
5. Continue to screen and evaluate the raw video footage on the *Hōkūle'a* you began last Spring. I would like to see the work you've done on this, particularly if you think there is footage that would be helpful in the curriculum projects being developed.
6. Develop an annotated bibliography of existing published materials for children about the *Hōkūle'a*. Include childrens' books, curriculum materials, and a basic list of easily available resources for teachers and librarians.
7. I know you will have some duties at Kamehameha Schools commensurate with your responsibilities there. I know you will also need time to prepare for the evening class you will be teaching at Windward Community College.

Holoua Stender
August 31, 1988

page 2

8. There will be a number of decisions we will have to make regarding the materials on the *Hōkūle'a* that are being developed here at CRDG. We will need your input and suggestions when we meet.

The social studies materials to be worked on this fiscal year include:

- a. the children's book on the *Hōkūle'a* for K-3
- b. your video guide for Grades 7, 8, 9
- c. a field trip package for Grades 4, 5, 6

cc: Eileen Tamura

Holoua Stender - Time Allocation 1988-89

Continue to catalog raw video footage on the <i>Hōkūle'a</i>	20%
Complete and disseminate video guide on <i>Hōkūle'a</i>	5%
Teach 1 class at UHS and test curriculum materials on <i>Hōkūle'a</i>	20%
Evaluate Kamehameha Schools summer program on the <i>Hōkūle'a</i>	5%
Participate in meetings, etc. on <i>Hōkūle'a</i> materials	10%
Annotated bibliography	15%
Miscellaneous duties at K.S.	20%
Preparation for teaching at WCC	<u>5%</u>
	100%

addition

RHUDE THOMPSON

KS math and computer teacher is on sabbatical this year. One of his projects is to develop a computer program based on HOKULE'A. It will consist of 1. Presentation Program (history of HOKULE'A),

2. Role Modeling Program

(focus on higher level thinking skills; students will have decisions to make such as "What would you do if you were running out of water?")

3. Simulation voyage navigating by the stars.

If he completes this project, the computer program could be made available to others for about \$2 a disk (estimate).

He has contacted Holo for assistance.

Hōkūle'a Project Expenditures
September 1988
UH Foundation Account 13-0520

Children's Book	
Honoraria to artists	700.00
Honorarium to author	100.00
Consultation fee/designer	80.00
Fee/marketing consultant	80.00
CCECS Children's Literature Workshop (x2 owed to artist and author)	100.00
	<hr/>
	\$1,060.00
Exploratory Program on board	
<i>Hōkūle'a</i> (Science) (Day in the Life of a Navigator pilot)	
Personnel x 4	8,000.00
(Nainoa Thompson, Kapua Lind, Lee and Will Kyselka)	
In-kind costs: Frank Pottenger and Holoua Stender, Thompson family & crew	
Transportation for students	185.00
Food	384.00
6 round trip airplane tickets for crew	<hr/>
	387.68
	<hr/>
	\$8,956.68
Twelve-minute videotape about <i>Hōkūle'a</i> Project	
Personnel (Elisa Yadao)	2,000.00
Cameraman (in kind)	0
Editing	1,500.00
Slides (includes \$250 for M. Costa)	383.33
Video cassettes	310.96
Narrator	<hr/>
	75.00
	<hr/>
	\$4,269.29
Teacher Guide to KGMB	
Video " <i>Hōkūle'a</i> , Proud Voyage Home"	
Personnel, Holoua Stender (in kind)	
Xerox, spiral bindings for drafts	
	\$28.82
Transcription of <i>Hōkūle'a</i> Logs	
Personnel (Shelley Yuen)	1,000.00
Xerox and spiral binding	<hr/>
	145.95
	<hr/>
	\$1,145.95

Holoua Stender	
Travel costs to San Francisco, round trip	\$1,000.00
and per diem to deliver paper on <i>Hōkūle'a</i> as educational resource	

Miscellaneous	
Bishop Museum Planetarium Show	50.00
Proposal to Legislature (xerox)	39.00
Parking, UH, Holoua Stender	110.00
Other xeroxing	<u>11.51</u>
	\$210.51

Total	16,671.25
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Balance:	\$33,328.75
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PROJECT	DESCRIPTION	ESTIMATED COMPLETION DATE
Holoua Stender 1987-1988	Collected, analyzed, and tested existing curriculum materials about the <i>Hōkūle'a</i> .	<i>Pau</i>
	Planned and coordinated explanatory 24-hour program on board <i>Hōkūle'a</i> with CRDG science department personnel. Planned and coordinated filming of 12 minute videotape with CRDG and KS personnel.	
	Invited speaker aboard the brig <i>C. A. Thayer</i> in San Francisco--a ship used as part of an environmental program by the National Park Service. Mr. Stender delivered a paper on the <i>Hōkūle'a</i> as an educational resource.	<i>Pau</i>
	Coordinated the main program for College of Education's Homecoming in 1987. The program honored all the crews of the <i>Hōkūle'a</i> . He also designed and implemented an exhibit on canoes and the <i>Hōkūle'a</i> for the occasion.	<i>Pau</i> for Summer 1987
	Wrote and coordinated field testing of classroom teaching guide to accompany KGMB film " <i>Hōkūle'a</i> Proud Voyage Home."	December 1988
	Planned and coordinated the Kamehameha Schools summer school program in conjunction with Department of Education and Kamehameha Schools, which included programs on each island focused on the <i>Hōkūle'a</i> .	<i>Pau</i>
	Coordinated an exhibit on the <i>Hōkūle'a</i> for the Pacific Islands Art Festival held in Australia in August 1988. He also assisted with a canoe exhibit held at the Hawaii Maritime Center in August 1988.	<i>Pau</i>
	Is developing an annotated bibliography of published materials for children that exist about the <i>Hōkūle'a</i> . The bibliography will include curriculum materials and general resource materials. It is intended to be a guide for teachers and librarians.	May 1989

THE HŌKŪLE'A PROJECT
Status Report, September 1988

PROJECT	DESCRIPTION	ESTIMATED COMPLETION DATE
1. Children's book for Grades K-3	Children's picture book. Story about a child's life on a sailing canoe of long ago. Will include 4 pages of information at the end for parents and teachers. Artist, author, and book designer selected. To be co-published with the University of Hawaii Press.	To press March 1989 Available Fall 1989
2. Exploratory pilot program on board <i>Hōkūle'a</i>	Activities developed for students using canoe as educational resource. Students completed classroom activities as well as overnight trip to study stars and weather before going aboard canoe for trip to Honolulu Harbor.	On-going/CRDG science and summer school curricula based on this pilot
3. Twelve-minute videotape "A Day in the Life of a Navigator"	Includes scenes of students from the University Laboratory School and Hongwanji Mission School aboard the <i>Hōkūle'a</i> . Covers 24-hour period in December 1987 when students learned to "navigate" the canoe from crew members and from navigator, Nainoa Thompson. Coordinated and planned by CRDG and Holoua Stender.	<i>Pau</i>
4. Teacher Guide to KGMB documentary " <i>Hōkūle'a</i> , Proud Voyage Home"	Activities for classroom teachers to use with students in intermediate grades (7, 8, 9) before and after viewing videotape. Guides and copies of videotape to be distributed to intermediate schools and high schools and to public libraries. Written by Holoua Stender who also coordinated field testing.	December 1988
5. Field Trip Packet Grades 4, 5, & 6	Activities for students to do prior to, during, and after an excursion to see the <i>Hōkūle'a</i> . Discussed with the Hawaii Maritime Center. Will be field tested at the Laboratory School.	To CR copy December 1988

1. "Sea, Land, and Sky"

Six-week pilot project entitled "Sea, Land, and Sky." Approximately 48 students from grades 7-9 took part in program which focused on Polynesian navigation, wayfinding, and survival. CRDG funded.

On-going summer program

2. Science program for Grades K-6 Developmental Approaches in Science and Health (DASH)

Incorporates into existing curriculum: Polynesian navigation, wayfinding and survival techniques, with focus on *Hōkūle'a*. Most materials to be written for Grade 4 with lead in K-3, and post-reinforcement grades 5-6. Awaiting general funds.

In progress

Hokūle'a Project: Budget Alternatives

	With both General Funds and Foundation Funds		With Foundation Funds only	
	General funds \$53,306.00	Foundation funds 33,328.75	General funds 0	Foundation funds 33,328.75
Balance				
Children's book	15,520.00	6,200.00	0	21,720.00 *
Videotape & guide	2,290.50	0	0	2,290.50
Field Trip Guide #1 (Gr. 4, 5, 6) to camera ready copy	6,183.60	0	0	6,183.60
Field Trip Guide #2 (Gr. 1, 2, 3) to camera ready copy	3,246.00	0	0	3,246.00 (?)
				or
Science (DASH)	<u>26,065.90</u>	<u>0</u>	<u>0</u>	<u>3,246.00 (?)</u>
Total	\$53,306.00	\$6,200.00	0	\$33,440.10
Balance	0	<u>\$27,128.75</u>	0	-\$111.35

Ben Finney — Nainoa —

*Does not include manufacturing or marketing costs to be defrayed by UH Press.

Draft 3
09/01/87

RECOMMENDED PROJECTS

BUDGET*

Children's Book (includes tradebook as well as a teacher's guide and student activities for classroom use) (Elementary)	\$24,000	<i>U. Press Co. Pub.</i>
Exploratory Program on board <u>Hokule'a</u> (Elementary & Secondary) (Science)	12,000	
3-5 minute video about " <u>Hokule'a</u> Project"	5,500	
Teacher Guide/Student Activities using KGMB film " <u>Voyage of the Hokule'a</u> " Intermediate/High School	1,500	
Interviewer, part time, for supplemental interviews	4,000	
Miscellaneous	3,000	
Supplies	500	
Parking	150	
Mileage	150	
Honoraria for crew member interviews	1,200	
Reference books	1,000	

	\$50,000	
<u>Personnel Donated</u>		
Holo Stender, curriculum developer, donated, Kamehameha Schools, 100%		
Arthur King, Director, CRDG, 5%		
Eileen Tamura, Department Chair, Social Studies, operations, 10%		
Linda Menton, Social Studies, curriculum development, CRDG 20%		
Other services from CRDG, other UH faculty and staff, and the Kamehameha Schools		
		Estimated Value of In-kind Services = \$112,400

* Budget for materials produced to camera-ready copy.
Does not include printing or distribution.

\$24,000

Name of Project: Children's Book (Grades 3-6)

Description of Project: The project will consist of one children's book about the Hokule'a and her crew and related subjects. Book will be hardback, with color illustrations, about 30 pages long.

Purpose of Project: Few tradebooks exist for children about the Hokule'a. The proposed book can be used independently as a "library book" or it can be augmented with student activities which will be contained in a supplementary teacher's guide.

Personnel and Costs (does not include printing)

1 writer at FTE 5 months	15,993
1 artist at FTE 2 weeks	1,713
1 researcher at FTE 1.3 months	1,135
1 editor at FTE 1 week	285
student help, 266 hrs @ 3.80	1,011
media work per book	2,056
supplies	1,000
printing to test	<u>384</u>

23,577

Teacher Manual + Student Activities

1 curriculum developer (donated/Holo Stender)	0
student help X 80 hours @ 3.80	<u>304</u>

\$23,881

Book at 30 pages
20 illustrations
hard cover/saddle stitch

\$12,000

Name of Project: Exploratory Project on board the Hokule'a (Science)

Description of Project: This project would give students, probably elementary age students, an opportunity to work with Will Kyselka and Nainoa Thompson. It would include activities aboard the Hokule'a. These students could be Kamehameha Schools and/or Lab School students.

Purpose of the Project: This project would be a pilot project to develop activities for students about the Hokule'a that might actually include some time spent aboard the canoe. The developers would be able to experiment with this test group of students and give them a real hands-on experience with the canoe itself as classroom.

Personnel and Costs

Curriculum Developers:	Nainoa Thompson	FTE 1 month	\$3,427 *
	Will Kyselka	FTE 1 month	3,427 *

Supplies

Includes

transportation (buses)
life jackets
miscellaneous supplies

5,000

\$11,854

* Includes fringes and overhead

Preparatory work = 1-2 weeks

Work with students = 1-2 weeks

Write up report, revisions, etc. 1 week

Includes student visit to planetarium

Pending: information regarding insurance costs

\$5,500

Name of Project: 3-5 Minute Videotape

Purpose of Project: The purpose of this project is to produce a 3-5 minute videotape about the Hokule'a Project and how the canoe could be used as an educational resource for Hawaii's children.

Description of Project: This project consists of 3-5 minute videotape to be used to show legislators and others how the Hokule'a could be used as an educational resource. Film will be shot aboard the canoe showing students taking part in activities planned and coordinated by Will Kyselka and Nainoa Thompson. It will also include shots of students involved in classroom activities related to the canoe, as well as shots depicting the process of designing and producing curriculum materials for the Hokule'a Project.

Personnel and Costs

2 days of shooting/cameraman	\$1,000
scriptwriter	500
editor	500
narrator	100
studio rent (commercial rate at \$250 hour x 5-7 hours)	1,750
travel costs/location costs	1,500
music	
miscellaneous	
supplies/tape stock	150
	\$5,500

\$1,500

Name of Project: Student Materials and Teacher Guide for "Voyage of the
Hokule'a" (KGMB)

Description of Project: This project consists of a videotape produced by KGMB
TV which would be duplicated for classroom use. A teacher's guide and student
activities will be developed to supplement the video presentation.

Purpose of the Project: This project would make use of professionally
produced videotape dealing with the Hokule'a and her achievements. It would
be supplemented with a teacher's guide containing pre- and post-viewing
activities for students. The activities would be directed at intermediate and
high school students.

Personnel and Costs

Curriculum Developer/teacher guide/student activities 1 month FTE/Holo Stender	0
Graphic Artist @ 1 week FTE	857 *
Student help at 3.80 an hour X 8 hours	304
Print to test	100
Royalties (if not donated by KGMB for educational use)	250
Total	\$1,511

* includes fringes and overhead

OTHER POSSIBLE PROJECTS

Budget

Book for Intermediate/High School Students + Teacher's Guide + Student Activities	\$20,500
Videotape from existing footage (20 minutes)	16,000
Interviewer, for supplemental interviews @ 3 months FTE = 10,281.60	10,000

\$20,500

Name of Project: Book - Intermediate/High School

Description of Project: This project consists of a tradebook containing profiles of some of the Hokule'a crew members (about 5-8) and the navigator. It would also contain about 15 black/white photos & artwork.

Purpose of the Project: The purpose of the project is to introduce students, through the medium of print, to some of the crew members of the Hokule'a. The book would be supplemented with a teacher's guide containing student activities.

Personnel and Costs

1 writer FTE at 4 months	\$15,712 *	
Editor 2 weeks FTE	1,714	
Artist Photographer 1 week FTE	857	
Supplies	500	
Media work to camera ready	267	
Print to test	229 **	
Student help at 266 hrs x 3.80	<u>1,011</u>	\$20,290

Teacher guide and student activities

1 curriculum developer/1 mon. FTE/Holo Stender	0	
student help @ 3.80 hour x 80 hours	<u>304</u>	\$20,594

* Includes fringes and overhead
2 weeks per profile + photos
draft to camera ready = 4 mon. FTE

** Test with 3 classes x 30 students = 90 copies

15 photos
50 pp. typeset
soft cover/perfect binding
Mac?/laser printer?

\$14,000

Name of Project: Videotape created from existing footage

Description of Project: This project consists of a videotape produced from existing footage, as well as a teacher's guide and student activities to supplement the tape; aimed at intermediate and high school students.

Purpose of Project: The purpose of this project is to create a videotape about the Hokule'a and her crew making use of existing unused footage. The tape would deal with aspects of the Hokule'a and her accomplishments that are not covered in existing video materials.

Personnel and Costs

Director, scriptwriter, and videotape editor = 1 person FTE 3 months	\$10,000
rent for studio for 20 hours at 250.00 per hour	5,000 **
curriculum developer, 1 month FTE/Holo Stender	0
student help at 3.80 hr X 80 hrs	304
supplies, miscellaneous	500
	\$15,804

** editing = 50-100 hours for rough cut done at IRCS. Final editing with special equipment = 20 hours. (1 minutes of tape = 1 hour of editing) X 250.00 an hour for studio rental = \$5,000.

EXISTING VIDEO MATERIALS ON THE HOKULE'A (incomplete list)

1. KGMB "Voyage of the Hokule'a"
2. Interview with Nainoa Thompson using KGMB and KHET footage. Being produced by Joan Bering with DOE.
3. Alu Like - 1/2 hour video using KHET and Kamehameha Schools footage. Momi Naughton/Kapua Lindo
4. Film being produced by public television re: voyage of Hokule'a and Polynesian cultural revival. Chris Conybeare
5. National Geographic film on first voyage
6. "The Navigators"

NEW ZEALAND

Department of Education (NZDE)
Private Bag
Wellington New Zealand
Mr David Wood
Wellington 735 499

UNITED STATES

Alaska Department of Education (ALASKA)
Pouch F
Juneau Alaska USA 99811
Juneau 465 2800

Curriculum Research & Development Group
(CRDG)
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1776 University Avenue
Honolulu Hawaii USA 96822
Dr Arthur R. King, Jr.
Honolulu 948 7961

Hawaii State Department of Education
PO Box 2360
Honolulu Hawaii USA 96804
Dr Herman Aizawa
Honolulu 548 2360

Pacific Region Educational Program
(affiliate: Northwest Regional Educational
Laboratory)
Pacific Region Educational Program
1164 Bishop Street #1409
Honolulu Hawaii USA 96813
Dr John Kofel
Honolulu 533 6485



THE PACIFIC CIRCLE CONSORTIUM...

- an international organisation dedicated to the improvement of learning and teaching about the peoples and countries of the Pacific and about the Pacific Ocean itself.

THE PURPOSES OF THE CONSORTIUM...

- to promote mutual understanding of the peoples of the Pacific Ocean, particularly from the participating countries;
- to share ideas, resources, information, materials and personnel among Pacific countries and educational institutions;
- to undertake co-operative development of Pacific-based activities and curriculum materials;
- to undertake co-operative curriculum research
- to make innovative contributions to educational thinking and practice.

THE ACTIVITIES OF THE CONSORTIUM...

- relate to the Pacific region, broadly defined;
- reflect interests, issues and concerns that extend beyond national boundaries;
- are concerned with curriculum process, products, and evaluation, and with research.

The Consortium was established in 1977 as a program of the Centre for Educational Research and Innovation (CERI) of the Organisation for Economic Co-Operation and Development (OECD).

THE RECENT WORK PROGRAM...

● **The Ocean Project I (TOP I)**

The Ocean Program (TOP) has been the central project of the Consortium. It is an international, interdisciplinary curriculum development program which has involved all the country members of the Consortium.

TOP I has developed curriculum materials on the theme "Wise Use of Pacific Ocean Resources."

Beginning in 1981, a team of scholars, curriculum specialists, classroom teachers and researchers from the nations of the Consortium developed a knowledge framework and plans for co-operative materials development.

Local teams organised by Pacific educational agencies have completed materials on Ocean Fishing for secondary level and Bay and Harbour Communities for primary level. The materials have been classroom trialled, evaluated, and revised to yield new classroom materials reflecting international perspectives.

For the Bay and Harbour Communities project, studies have been produced on Gladstone (Queensland), Hiroshima, Honolulu, Columbia River (Oregon), Vancouver and Wellington harbours. Other harbour studies are being considered. An international teachers' handbook has been developed, and the Hiroshima study has been revised for use as a general comparative study.

For the Ocean Fishing project, local materials and case studies have been developed for Australia, Japan, New Zealand and the USA

(Alaska, Hawaii, Oregon). A four-volume international study has been developed, including a stand-alone computer simulation, *Piccs*.

This multinational project is coordinated by Dr Arthur R. King, Jr of the Curriculum Research & Development Group (CRDG), Hawaii.

● **The Antarctic Project (TAP)**

The Antarctic Project (TAP) is a co-operative curriculum development program involving the Tasmanian Department of Education, the New Zealand Department of Education and the Curriculum Development Centre, Canberra.

Materials on the Antarctic and Southern Ocean have been developed for use with upper primary and secondary school students.

This binational project is coordinated by Dr Kerry Kennedy of the Curriculum Development Centre, Canberra, Australia.

● **The Ocean Project II (TOP II)**

This new project, initiated at the 1985 Annual General Meeting, supercedes TOP I as the central development activity of the Consortium. The central motivation is a need to give students a wide perspective towards environmental issues and to show the need for international co-operation in the management of ecosystems on a Pacific-wide basis. Themes are linked with the two earlier TOP II studies on Bays and Harbours and Ocean Fishing and, like these earlier studies, bring together both the natural and social sciences. TOP II issues are set in a context which relates selected ecosystems to human needs and uses. Development will focus on two levels, one primary, the other secondary. The topics within TOP II are: Forests, Tourism, and Coastal Zones. A research project, the Ocean Project Student Activated Learning (TOP-SAL) (see below), is also part of TOP II. Associated

with TOP II is the Pacific Children's Communication Project (PCCP) which is linking children by a range of activities. This multinational project is coordinated by Mr David Wood, New Zealand Department of Education, Wellington.

● Pacific Education Journal

The Consortium is sponsoring an educational journal, "Pacific Education", which focuses on curriculum and on educational research in the Pacific. No other journal exists which reports upon comparative studies for the region. While the emphasis is upon curriculum issues, the journal will be open to reports of Pacific educational research as well. Articles are both invited and submitted. The management of the first issues of the journal is based at the University of British Columbia; the co-ordinator is Dr Kip Anastasiou.

● Pacific Titles Project

The objective of this project is to aid school and other libraries in the development of their collection of books and other media on the peoples, countries, problems and topics related to the Pacific Ocean area. Core collections of 20-25 titles have been assembled, and the first edition of Pacific Titles was published in 1987. The co-ordinator of this project is Mr Basil Shaw, Brisbane College of Advanced Education.

● Research Projects

The Consortium desires to encourage educational research which is related to the region and which is comparative and co-operative in nature. Several research projects are in progress. These include:

- 1) The Ocean Project: Student Activated Learning (TOP-SAL) is eliciting, collecting and classifying questions that students of the Pacific ask about forests and is evaluating the

potential for basing School Forest Studies on these questions.

- 2) The Pacific Telecommunication-aided Conferencing Project (PTCP) examines how various mixes of communications media have supported and might support international educational work.

Research is co-ordinated by Dr Theodore Rodgers, Curriculum Research & Development Group, Hawaii.

● The Nearby Series

From an initial publication Japan Nearby for Australian students by CDC, a further publication Japan Nearby is now available for Canadian students. Hawaii Nearby and New Zealand Nearby for Australian students, and Australia Nearby for New Zealand students, are in preparation.

This project is co-ordinated by Dr Kerry Kennedy, Curriculum Development Centre, Canberra.

● Information Publications

Publication News is regularly published on behalf of the Consortium by the Brisbane College of Advanced Education. The Co-ordinator is Mr Basil Shaw.

Pacific Circle Consortium Newsletters prepared and distributed by the Curriculum Development Centre, Canberra.

This Pacific Circle Consortium Brochure is available to introduce the PCC to interested institutions. Copies are available from member institutions.

The Pacific Circle Consortium Handbook provides more detailed information. It is also available from member institutions.

Occasional Papers are published from time to time by the CDC, Canberra. Copies are available from member institutions.

SOME PRODUCTS

Further information and copies of the publications below are available from the institutions indicated. For addresses, see the back of this brochure.

The Ocean Project I (TOP I) Materials

Bay and Harbour Communities units have been published for the following Pacific bay/harbour communities: Gladstone, Queensland; Hiroshima, Japan; Honolulu, Hawaii; Vancouver, British Columbia; Wellington, New Zealand. (Contact: CRDG or institution concerned).

The Antarctic Project (TAP) Materials

Materials developed in Australia and New Zealand comprise a major package of 16 items. (Contact: CDC).

Harvesting The Ocean

Three volumes plus teacher's manual introducing secondary school students to the ocean as a food source. Published 1984. (Contact: CDC).

Curriculum research and development for understanding in the Pacific rim region

Japan has undertaken a major and long-running program of Consortium activity resulting in a substantial body of publications, most of them in Japanese. (Contact: HIROSHIMA)

CONSORTIUM MEMBERSHIP

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Curriculum Development Centre (CDC)
PO Box 34 Woden ACT Australia 2606
Dr Kerry Kennedy
Canberra 89 3524

Queensland Department of Education (QLD)
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Mr Alan Clayton
Brisbane 237 1035

Tasmanian Department of Education (TDE)
57 Brisbane Street Hobart
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Mr Warren Brewer
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Mr Peter Wilson
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Professor Yasushi Mizoue
Hiroshima 281 3141

GRANTS ADMINISTRATION OFFICE
Kapālama Heights
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Telephone (808) 842-8512, 842-8475

KAMEHAMEHA SCHOOLS / BERNICE PAUHI BISHOP ESTATE

September 16, 1988

TO: MYRON THOMPSON

FROM: SUZANNE RAMOS *S. Ramos*

RE: TUESDAY, SEPTEMBER 20, 1988
KEOPUOLANI
8 A.M. HO'OKIPA MAI

GUEST: MYLES DOHERTY, U.S. DEPARTMENT OF EDUCATION

The Federal Monitor has been here since September 12 monitoring the State programs. One day was set aside for the Native Hawaiian program.

You are to give the first welcoming speech. Here is a suggested speech:

On behalf of the Trustees of the Kamehameha Schools/Bishop Estate, Aloha mai ia kakou.

We extend greetings to our distinguished guest, Myles Doherty. He is representing the United States Department of Education and will be here with us for a very short time.

We want you to know that we have always been sensitive to education and health issues affecting the native Hawaiian population. We appreciate the active role the government is taking in addressing the drug abuse problem.

Traditional Hawaiian society was strong enough to collectively solve problems. We call on that strength again to focus on drug prevention education in the community and in the schools.

We are calling on particular Hawaiian values to rally our people.

E Ikaika ---strength

E Lōkahi ---unity

E Ola ---life

ON BEHALF OF THE TRUSTEES OF THE KAMEHAMEHA SCHOOLS/BISHOP ESTATE, ALOHA MAI IA KAKOU.

WE EXTEND GREETINGS TO OUR DISTINGUISHED GUEST, MYLES DOHERTY. HE IS REPRESENTING THE UNITED STATES DEPARTMENT OF EDUCATION AND WILL BE HERE WITH US FOR A VERY SHORT TIME.

WE WANT YOU TO KNOW THAT WE HAVE ALWAYS BEEN SENSITIVE TO EDUCATION AND HEALTH ISSUES AFFECTING THE NATIVE HAWAIIAN POPULATION. WE APPRECIATE THE ACTIVE ROLE THE GOVERNMENT IS TAKING IN ADDRESSING THE DRUG ABUSE PROBLEM.

TRADITIONAL HAWAIIAN SOCIETY WAS STRONG ENOUGH TO COLLECTIVELY SOLVE PROBLEMS. WE CALL ON THAT STRENGTH AGAIN TO FOCUS ON DRUG PREVENTION EDUCATION IN THE COMMUNITY AND IN THE SCHOOLS.

WE ARE CALLING ON PARTICULAR HAWAIIAN VALUES TO RALLY OUR PEOPLE.

E IKAHA --- STRENGTH

E LOKAHI --- UNITY

E OLA --- LIFE

CURRICULUM DESIGN PROJECT
STEERING COMMITTEE

Myron B. Thompson
President, Polynesian Voyaging Society

✓ Peter K. Apo
Representative District 49
State House of Representatives
Room 315, State Capitol
Honolulu, Hawaii 96813

Nainoa Thompson
Navigator, HOKULE'A

✓ Fred Cachola
Director, Extension Education
The Kamehameha Schools
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Honolulu, Hawaii 96817

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✓ Arthur King Ph.D.
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✓ Brij Lal Ph.D.
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Cecilia Kapua Lindo
Vice President
Polynesian Voyaging Society

✓ Lokomaikafokalani Snakenberg
State Department of Education
Office of Instructional Services
1053 Maunahani
Honolulu, Hawaii 96825
dence

September 1, 1987

Dear

Though HOKULE'A has completed the Voyage of Rediscovery, other activities resulting from the voyage are just beginning. The Curriculum Research & Development Group in the College of Education at the University of Hawaii is starting a project to include information about the HOKULE'A and information gained from the voyages of the HOKULE'A in the school curriculum for elementary, intermediate, and high school students.

Because of your expertise, I would like to invite you to be a member of the steering committee for this project. The committee will meet regularly to advise the curriculum developers regarding desired goals and outcomes, and to monitor progress.

Since our first meeting will be very soon, please call Suzanne Ramos at 842-8475 regarding your availability to serve on the steering committee.

Sincerely,

Myron B. Thompson,
President

Sail Chumai

Draft 3
09/01/87

RECOMMENDED PROJECTS

BUDGET*

Children's Book (includes tradebook as well as a teacher's guide and student activities for classroom use) (Elementary)	\$24,000
Exploratory Program on board Hokule'a (Elementary & Secondary) (Science)	12,000
3-5 minute video about "Hokule'a Project"	5,500
Teacher Guide/Student Activities using KGMB film "Voyage of the Hokule'a" Intermediate/High School	1,500
Interviewer, part time, for supplemental interviews	4,000
Miscellaneous	3,000
Supplies	500
Parking	150
Mileage	150
Honoraria for crew member interviews	1,200
Reference books	1,000

	\$50,000

Personnel Donated

Holo Stender, curriculum developer, donated, Kamehameha Schools, 100%
 Arthur King, Director, CRDG, 5%
 Eileen Tamura, Department Chair, Social Studies, operations, 10%
 Linda Menton, Social Studies, curriculum development, CRDG 20%
 Other services from CRDG, other UH faculty and staff, and the Kamehameha Schools

Estimated Value of
In-kind Services =
\$112,400

* Budget for materials produced to camera-ready copy.
Does not include printing or distribution.

\$24,000

Name of Project: Children's Book (Grades 3-4)

Description of Project: The project will consist of one children's book about the Hokule'a and her crew and related subjects. Book will be hardback, with color illustrations, about 30 pages long.

Purpose of Project: Few tradebooks exist for children about the Hokule'a. The proposed book can be used independently as a "library book" or it can be augmented with student activities which will be contained in a supplementary teacher's guide.

Personnel and Costs (does not include printing)

1 writer at FTE 5 months	15,993
1 artist at FTE 2 weeks	1,713
1 researcher at FTE 1.3 months	1,135
1 editor at FTE 1 week	285
student help, 266 hrs @ 3.80	1,011
media work per book	2,056
supplies	1,000
printing to test	<u>384</u>

23,577

Teacher Manual + Student Activities

1 curriculum developer (donated/Holo Stender)	0
student help X 80 hours @ 3.80	<u>304</u>

\$23,881

Book at 30 pages
20 illustrations
hard cover/saddle stitch

ILLEGIBLE

\$12,000

Name of Project: Exploratory Project on board the Hokule'a (Science)

Description of Project: This project would give students, probably elementary age students, an opportunity to work with Will Kyselka and Nainoa Thompson. It would include activities aboard the Hokule'a. These students could be Kamehameha Schools and/or Lab School students.

Purpose of the Project: This project would be a pilot project to develop activities for students about the Hokule'a that might actually include some time spent aboard the canoe. The developers would be able to experiment with this test group of students and give them a real hands-on experience with the canoe itself as classroom.

Personnel and Costs

Curriculum Developers:	Nainoa Thompson	FTE 1 month	\$3,427 *
	Will Kyselka	FTE 1 month	3,427 *

Supplies

Includes

transportation (buses)
life jackets
miscellaneous supplies

5,000

\$11,854

* Includes fringes and overhead

Preparatory work = 1-2 weeks

Work with students = 1-2 weeks

Write up report, revisions, etc. 1 week

Includes student visit to planetarium

Pending: information regarding insurance costs

\$5,500

Name of Project: 3-5 Minute Videotape

Purpose of Project: The purpose of this project is to produce a 3-5 minute videotape about the Hokule'a Project and how the canoe could be used as an educational resource for Hawaii's children.

Description of Project: This project consists of 3-5 minute videotape to be used to show legislators and others how the Hokule'a could be used as an educational resource. Film will be shot aboard the canoe showing students taking part in activities planned and coordinated by Will Kyselka and Nainoa Thompson. It will also include shots of students involved in classroom activities related to the canoe, as well as shots depicting the process of designing and producing curriculum materials for the Hokule'a Project.

Personnel and Costs

2 days of shooting/cameraman	\$1,000
scriptwriter	500
editor	500
narrator	100
studio rent (commercial rate at \$250 hour x 5-7 hours)	1,750
travel costs/location costs	1,500
music	
miscellaneous	
supplies/tape stock	150
	\$5,500

\$1,500

Name of Project: Student Materials and Teacher Guide for "Voyage of the Hokule'a" (KGMB)

Description of Project: This project consists of a videotape produced by KGMB TV which would be duplicated for classroom use. A teacher's guide and student activities will be developed to supplement the video presentation.

Purpose of the Project: This project would make use of professionally produced videotape dealing with the Hokule'a and her achievements. It would be supplemented with a teacher's guide containing pre- and post-viewing activities for students. The activities would be directed at intermediate and high school students.

Personnel and Costs

Curriculum Developer/teacher guide/student activities 1 month FTE/Holo Stender	0
Graphic Artist @ 1 week FTE	857 *
Student help at 3.80 an hour X 8 hours	304
Print to test	100
Royalties (if not donated by KGMB for educational use)	250
Total	\$1,511

* includes fringes and overhead

OTHER POSSIBLE PROJECTS

Budget

Book for Intermediate/High School Students + Teacher's Guide + Student Activities	\$20,500
Videotape from existing footage (20 minutes)	14,000
Interviewer, for supplemental interviews @ 3 months FTE = 10,281.60	10,000

\$20,500

Name of Project: Book - Intermediate/High School

Description of Project: This project consists of a tradebook containing profiles of some of the Hokule'a crew members (about 5-8) and the navigator. It would also contain about 15 black/white photos & artwork.

Purpose of the Project: The purpose of the project is to introduce students, through the medium of print, to some of the crew members of the Hokule'a. The book would be supplemented with a teacher's guide containing student activities.

Personnel and Costs

1 writer FTE at 4 months	\$15,712 *	
Editor 2 weeks FTE	1,714	
Artist Photographer 1 week FTE	857	
Supplies	500	
Media work to camera ready	267	
Print to test	229 **	
Student help at 266 hrs x 3.80	<u>1,011</u>	\$20,290

Teacher guide and student activities

1 curriculum developer/1 mon. FTE/Holo Stender	0	
student help @ 3.80 hour x 80 hours	<u>304</u>	\$20,594

* Includes fringes and overhead
2 weeks per profile + photos
draft to camera ready = 4 mon. FTE

** Test with 3 classes x 30 students = 90 copies

15 photos
50 pp. typeset
soft cover/perfect binding
Mac?/laser printer?

\$16,000

Name of Project: Videotape created from existing footage

Description of Project: This project consists of a videotape produced from existing footage, as well as a teacher's guide and student activities to supplement the tape; aimed at intermediate and high school students.

Purpose of Project: The purpose of this project is to create a videotape about the Hokule'a and her crew making use of existing unused footage. The tape would deal with aspects of the Hokule'a and her accomplishments that are not covered in existing video materials.

Personnel and Costs

Director, scriptwriter, and videotape editor = 1 person FTE 3 months	\$10,000
rent for studio for 20 hours at 250.00 per hour	5,000 **
curriculum developer, 1 month FTE/Holo Stender	0
student help at 3.80 hr X 80 hrs	304
supplies, miscellaneous	500
	\$15,804

** editing = 50-100 hours for rough cut done at IRCS. Final editing with special equipment = 20 hours. (1 minutes of tape = 1 hour of editing) X 250.00 an hour for studio rental = \$5,000.

EXISTING VIDEO MATERIALS ON THE HOKULE'A (incomplete list)

1. KGMB "Voyage of the Hokule'a"
2. Interview with Nainoa Thompson using KGMB and KHET footage. Being produced by Joan Bering with DOE.
3. Alu Like - 1/2 hour video using KHET and Kamehameha Schools footage. Momi Naughton/Kapua Lindo
4. Film being produced by public television re: voyage of Hokule'a and Polynesian cultural revival. Chris Conybeare
5. National Geographic film on first voyage
6. "The Navigators"

fol

September 9, 1987 - more - info.

STEERING COMMITTEE MEETING

1. Introductions —

2. Review of history of project to date

3. Function of Steering Committee

to advise the curriculum developers regarding desired goals and outcomes, and to monitor progress.

4. Curriculum Research and Development Group presentation of plans for the first year

*Tape - alike - Charlie Toyuchi - Broad -
get into interest of teachers*

II

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