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OA/ID Number: 52065
Folder ID Number: 52065-006

Folder Title:
[TIRR] New Options Research Notes [1975-1978] [3]

Stack:

Row:

Section:

Shelf:

Position:

- G. Discuss applicable implications that project results may have to new or pending legislation (State or Federal), if any.

9. REVIEW OF APPROPRIATE LITERATURE

Present a review of the literature pertaining to the subject area of the proposed project, including bibliographic references, as appropriate. Attention should be given to previous RSA research (SRS Research annotated listing of completed projects is available upon request.) A four-volume publication containing abstracts of all available final reports of RSA R&D projects entitled Rehabilitation Research and Demonstration is available from the GPO. Its order number is 1760-00122 and its cost is _____. Identify the knowledge gaps revealed in the review of the literature or exposed by previous work and explain how they are addressed in this proposal. Any relevant data based upon planning or pilot studies or previous work should be included or summarized. Assumptions and philosophical approaches underlying the proposed project should be described in this section of the narrative as seen necessary.

10. PROGRESS REPORT

For competing extension applications, provide a narrative progress report in accordance with the outline set forth in Part VI, Section B.

PART V

ASSURANCE STATEMENT

Attach page from application form.

PART VI

PROJECT NARRATIVE

Only for Non-Competing Continuations

In general, the narrative of the continuation request will have two major headings—Progress Report, and Proposed Activities. The Progress Report should provide RSA the basic information to determine (1) if the project is following the approved research plan; (2) if the Work Plan is on schedule; (3) if unanticipated problems have been encountered, and if so, what adjustments were necessary; (4) tentative findings or trends which may indicate either a

possible change in the project plan and design or an alert to RSA Program and State VR leadership to some policy implication.

The Proposed Activities section should provide RSA (1) a reaffirmation of the Work Plan for the grant year just ahead; (2) or request for approval of necessary changes; (3) a more detailed specification of the activities of the grant year just ahead than was possible or feasible in the original application. Particularly important in the future planning is the need to continuously work toward the enhancement of the utilization of whatever findings may come out of the project.

The narrative should be organized under the following major headings:

A. Title

B. Progress Report

1. Changes in plan (if applicable)
2. Progress during current grant period
(or since last report)
3. Staff changes (if applicable)
4. Inventions and copyrights
5. Cost benefit findings

C. Proposed Activities

1. Work Plan for next grant period
2. Proposed changes in project (if applicable)
3. Research Utilization Plan

→ A. Title (Use title shown on latest notice of grant award - NGA).

B. Progress Report

1. Changes in Plan (if applicable). If changes in the plan have been made since the original plan, or since the last progress report, give sufficient details to make the records an up-to-date representation of the project. It is assumed that any significant or major change in the project would have first been reported to RSA Project Officer and approval secured at the time it became necessary. Include change or modifications in project objectives and task descriptions

~~and~~ acquiring
additional data from past
and present participants,
~~and~~ and analyzing that
data ~~scrutinously~~.

→ Refining the instruments
used ~~to collect data~~ in
data collection,

and will continue to be
as they have during the
~~focus~~ directed toward
~~past year~~, on these
general areas - These are:

in the Work Plan as well as changes in the evaluation and/or research utilization plans. Proposed changes should be reported under the heading of Proposed Activities.

2. Progress During Current Grant Period. Discuss progress towards meeting the project's objectives covering the following points:

- a. Accomplishments, findings, and products to date and list in chronological order the sequence of events and accomplishments. Explain any time lags in completing tasks and adhering to work plan set out in the original proposal, as per the project's GANNT chart or other time schedule as presently approved.
- b. Problems encountered, particularly with respect to methodology, sampling, and control group identification.

3. Staff changes (if applicable)

Discuss changes in project personnel and provide biographic (vita) information for new key personnel. Assess possible impact on outcome of project.

4. Inventions and copyrights

Include (1) a report of inventions conceived or reduced to practice as required by the Department of Health, Education, and Welfare, or (2) a list of inventions, already reported, or (3) a negative certification. Likewise report publications on which copyright has been secured or will be sought.

5. Cost Benefit Findings

Discuss any additional information on benefits that the project operation has produced.

C. Proposed Activities

1. Work Plan for Next Grant Period

Elaborate on this part of the plan beyond what may have been described in the approved plan. Indicate details

into the project is ~~repeatedly~~
retrospective ~~to~~
to varying degrees. It
will hopefully

If the ^{utility} ~~usefulness~~ of the
present research methods
is evidenced by the
quality of information
yielded to date. ^{consequently} the
~~efforts to~~
expand ^{research} in new
options has and will
~~will consequently~~
~~focus on acquiring~~

of data gathering, reduction, analysis, or service aspects for this time period of the project that may have only been projected in general terms in the original proposal. (Flesh out time table more completely.)

2. Proposed changes in project (if applicable)

State specifically each change in objective, work plan, task or element of methodology that needs implementation in the next grant period. Give sufficient detail that project officer and peer review group can adequately judge the necessity and appropriateness of each.

3. Research Utilization Plan

Discuss plans for insuring maximum utilization of project results, including current involvement of potential users.

Program enhances the
application of this design.
It should be noted that
this ~~aspect~~ ^{entirely} design ~~has~~
is not perfect in spite of
its its apparent ~~applicability~~ ^{suitability}.
It has been extremely
difficult to identify
participants ~~more than~~
program ~~from~~ ^{from} ~~PT~~ ^{participants}
six weeks prior to their participation
in the program. Thus data
related ~~to the~~ behavior and
attitudes prior to admission

B. PROGRESS REPORT

1. change in New

these

2. Progress During Current Grant Period

- (a) accomplishments + progress
- (b) problems

General Program Development

Year - RT report

(1) Audio-visual material

have been

participant materials

follow-up services

Year

Year of staff person
place in interviews -
new work

Research completed?

the RT report

(a) RT report

cooperation + community resources

Scatter plot - children
reaction conference
IL plans - Libbreck

transportation

long travel
MAB - experimental model

purpose of relationship - RT
reference and sponsorship

(4)

MAB

exchange planning

Office-bound meditation
(a) RT report

(The same thing)

rough

what are the problems?

1 RT report must

TIME FRAME Jean

3. Staff Changes role descriptions vita
MAB Cathy
Oamy

4. Inventions + Copyrights
Jean

5. Cost Benefit findings
lex audio outcomes
AV materials

Benefits
to info

C. PROPOSED ACTIVITIES

check original GANTT chart

1. Work Plan

AV
families
exp model
length of stay
research
follow-up
educ resources
referral

program dev → other settings
edu + experiential
MAB length of stay
audio-visuals

costs
staffing families

Jane
research - lex follow-up focus
front

2. Proposed Changes
none

3. Research Utilization Plan

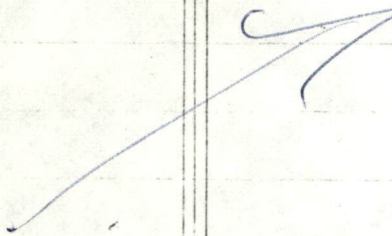


Image-audio-visual materials
lex- research on outcomes

DEADLINES

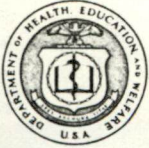
June 2
May 26 pieces due

June 9 integrated narrative
circulated

June 16 report written

June 23 report typed

June 29 report sent



DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
OFFICE OF THE SECRETARY
WASHINGTON, D.C. 20201

Office of Human Development Services
Rehabilitation Services Administration

March 14, 1978

Jean Cole, Ph.D.
Project Director
New Options Project
Texas Institute for Rehabilitation
and Research
1333 Moursund Avenue
Houston, Texas 77025

Dear Dr. Cole:

Thank you for the opportunity of visiting with you and your fine staff. The site visit team was most appreciative of the hospitality afforded us.

As discussed at the close of the site visit, there are several official site visit team recommendations that we wish to share with you as follows:

1. An objective rater group should be sought for evaluation of the case record review and client benefit determination.
2. Control groups as appropriate should be considered for inclusion in the demonstration project.
3. Copies of all questionnaires and data collection instruments for project evaluation should be forwarded to Dr. Harold Viaille and myself.
4. Any audio-visual programs developed by the project should be of highest professional quality and should be disseminated for the widest possible impact on the field of rehabilitation.
5. Emphasis should be given to the education of community referral resources as a basic component of the project.
6. The several future goals of the study should be more clearly and succinctly reflected in the progress report and continuation application for scientific peer review and comment.

Please extend our thanks to the "New Options" staff and clientele for their effort and dedication. All team members agreed that your program is most inspiring and we look forward to hearing of many good results in the future.

Kindest regards,

Sincerely,

Paul Thomas
Project Manager
Medical Research Studies

NEW OPTIONS RESEARCH DATA COLLECTION INSTRUMENTS

CURRENTLY USED

Application (questionnaire) A

Pre-Admission Interview (optional) A

Counselor Referral (questionnaire) A

Discharge Questionnaire (module ratings, program ratings, and application information followup)

Tufts Questionnaire (status evaluation) X

Demographic Background Ques (application forms) X

Participant Followup (include Discharge Questionnaire, Tufts Questionnaire, and Goal Survey)

Counselor Followup (questionnaire) F

Wheelchair Odometer - Mobility Study (includes calendar study and direct observation of behavior) X

Rest Time/ Sit Time Monitor Study X

Process meas.
outcome meas.

Baseline

followup
assoc
RT
Process

physical and psychosocial functioning

Benefits
Activity ques.
living exp.

Halstead

Halstead

16 skills eval.

UNDER DEVELOPMENT

outcome
Goal Survey and Followup
Behr

X F

process
Critical Incidents Study

X

process
Moos Environmental Survey

X

outcome
Behavioral Log
Willms - Foroye

Status Survey (ramp up) X F

outcome
Pre and Post Module Information
Quigley AXF

process
outcome Project/Individual Goal Tracking
X

NEW OPTIONS RESEARCH

INTERIM REPORT

January 31, 1978

We are trying to learn a number of things from the research at New Options. We want to find out the characteristics of the people who-participate in the program. We are interested not only in their physical behavior, but also in their backgrounds and their attitudes. We want to document what they do and what they learn while they are in the program. We want to know what happens to them after they leave the program - whether the program had any significant effects on their lives - and if so, what were those effects and what about our program may have caused them. The following is a summary of some of the results of our research to date.

We are presently in the midst of our twelfth six-week program cycle, and sixty-six individuals have been admitted to the project. Fifty-five of these individuals were male and eleven were female. Forty-nine New Options participants were single and seventeen were married, divorced, or separated. Fifty of the sixty-six individuals were spinal cord injured and the others were severely disabled as a result of cerebral palsy, muscular dystrophy, polio, brain damage, spina bifida, rheumatoid arthritis, cerebellar dysfunction, and ataxia. Most of the individuals in the program were

(34 quadriplegic) *2/9*

Seventy three percent of the participants were nonwhite

from twenty thru twenty-five years old. The exact age range was from 17-53 years.

~~23% were nonwhite~~

I would add race and previous residence (Houston, Texas, Orange, TX)

One variable which may prove to be critical in determining who could benefit most from the New Options program is time since onset of disability. Thirty-three percent of the participants in the program had been disabled less than two years when they entered New Options. The most recent time since onset of disability was eight months. Another thirty-three percent of the program participants had been disabled two to five years before they came to New Options. Finally, thirty-three percent had been disabled more than five years before they participated in the program. The longest period from onset of disability to admission in New Options was twenty-four years. You might add a statement - we are presently reviewing outcome data to determine whether there are relationships between time since onset and outcome.

Another critical variable which may later be tied to potential to benefit from this program is the individual's pre-admission living arrangement. Approximately half of the participants came from rural communities, and the other half were from metropolitan areas. Perhaps more importantly, eighty-two percent of the New Options participants were living with their family before they came to the program and the remainder came from institutionalized settings such as junior colleges, hospitals, and nursing homes. With respect to transportation, all but two of the sixty-six participants were dependent on someone else to drive them. Seventy-five percent of these individuals depended directly on family members or close friends.

With the exception of three individuals, each of the participants in the program used either an electric or manual wheelchair for mobility. All of the participants had special bowel care needs, and eighty-six percent depended on an assistive urinary device of some sort. Two-thirds of the individuals in the program needed help transferring from their bed to their wheelchair or from their wheelchair to their bed. Most of them needed physical assistance dressing and bathing. Some needed assistance ^{with eating} feeding and writing. Most of their physical assistance before they came to New Options was provided by family members or by individuals in the institution where they lived. Only seven of the participants were physically independent from a functional viewpoint.

Another key variable to which much attention has been directed is that of income or economic level. More than two-thirds of the individuals in the program had an income below \$200 per month before they came to New Options. Only ~~two~~ ^{one} of the sixty-six had incomes of more than \$500 per month and one of these two supports a family of thirteen.

Fifty percent of the participants had some kind of comprehensive medical rehabilitation before they came to the program. Thirty percent had limited medical or vocational rehabilitation, and twenty percent had no previous rehabilitation. About fifty percent of the New Options participants had been in school before they were disabled. The remaining fifty percent had been working. Most of these individuals had been doing mechanical labor such

Evidence suggests that persons who have received const, rehab, services are more knowledgeable about their self-care, medication, equipment than are other hand individuals.

as construction work, mechanics work, and agricultural work.

Since the onset of their disability and before participating in New Options, about half of the individuals had tried to attend school. The other half had tried a variety of activities including reading, painting, mechanical work, stamp collecting, traveling, fishing, and "just getting by".

Several unobstrusive monitoring techniques including the Rest Time Monitor and Wheelchair Odometer are being used to continuously measure gross activity levels of New Options participants. The average daily out of bed time for New Options participants was thirteen hours per day. This compares to a daily best week average of around 8.5 hours per day for paraplegics and quadriplegics who were in comprehensive rehabilitation programs at TIRR.

Individual's mileage per week for the entire sample ranged from 1.1 to 35.8 miles. The average weekly mileage per individual across the entire sample was 9.1 miles, or approximately 1.3 miles

per day average per individual. *Compare to working adults (CA, you, local, etc.)*

Approximately five hours of each participant's time per day is spent doing activities scheduled by the project. As a result, participants are able and encouraged to use most of their time in self-initiated and self managed activities. There are approximately ten planned modules each week, an average of three planned field-trips per week and pre-arranged meetings with about six associates who are active handicapped individuals from the community. *Of all the*

modules, three seem to be consistently best liked by participants. Those are 271 & 275.

In an effort to document the individual effects of the program on New Options participants, follow-up is routinely done three to four months after each participant leaves the transitional program. Several significant changes in living arrangements may be noted for those individuals on whom follow-up data are complete. About ~~half~~ ^{well} of the former participants are now living comparably more independently than they were before their participation in New Options. Many of them have moved from nursing homes or their parents homes into apartments, houses, and dormitories - both individually and in shared group living arrangements. Additionally, ~~nearly two-thirds~~ ^{more than half} of the former participants are now in school, or have part time or full time jobs.

Observations made during the transition from protected settings such as nursing homes and parents homes to less well protected or more independent settings such as apartment units and college dormitories may lead to valuable insights regarding the psychological adjustment and adaptation of individuals to severe physical disabilities. The number and variety of references to changing self images or self concepts made by former participants is striking. For example, participants have said: "It is really hard to believe what can and is being done from wheelchairs. There are some very intelligent people in wheelchairs."; "Being in a wheelchair puts you in a minority but it doesn't stop you from living a normal life."; "Most people just don't realize that people in wheelchairs are normal too, they just have some kind of handicap. Everyone has a handicap of some sort, whether

might
good some
wishes
at site
visit -
UH largely
how many
in clusters
indiv appts
down?

JP

it be large or small. Some people in wheelchairs are better off than some able bodied people."; "It is very hard for some people to adjust to being in a wheelchair. It is easier for some than for others, but it can be done."; "New Options opened my eyes and my mind to what a fulfilling life I could have in spite of my handicap."; "I cannot tell you how much self confidence I acquired in those few weeks - I got over being ashamed that I was in a wheelchair.".

Self reports by former participants are substantiated and validated by follow-up information and feedback received from counselors who sponsored individuals in the program. Most counselors agreed with their clients by saying that they seemed to be more self-sufficient, more self-confident, or more independent after they participated in New Options. Several counselors reported that they noticed a better outlook, a better attitude, or more motivation on the part of their client following participation in the program. Other counselors claimed that their clients were more goal oriented than they were before. Most comments from counselors who sponsored clients in the program were typified by the statement that "my client realized that he is ultimately responsible for meeting his own needs".

Staff members and the project Department of Vocational Rehabilitation courtesy counselor largely agree on the following characteristics as important traits in persons who seem to have benefitted from the project: readiness to face life as a severely disabled indivi-

dual; desire to make changes in lifestyle; willingness to set and work on some goals; willingness to risk experimenting with new ways of doing things and new kinds of behaviors; average intellectual capacity (comprehension of verbal input, no major memory deficits, reasonable attention span); ability to read; ability to speak well enough to be generally understood; ability to hear; no severe emotional pathology; and physical endurance for program (sitting tolerance, bowel control that is predictable, suitable urinary management).

The preceeding summary of research at New Options is intended to answer some questions and to raise others. Efforts are presently under way to determine whether reports of improved motivation are based on observations of verbal assertiveness or behavioral achievement. We want to find out more about how independence is related to learned skills and behaviors and to self image for motivation. We want to know how the New Options program might be improved, and we want to know how portions of this program might be utilized to benefit more traditional rehabilitation programs. It is hoped that further research at New Options will help answer many of these and other questions.

might add short #6 on

- (a) program eval research + its impact on program development
- (b) Tufts kinds of information and future plans for its use
- (c) work on informational quizzes (IC skills assessment)

RESEARCH DECISION

4/28/78

Follow-up

What did you get
out of the program?

contribution to literature on
outcome measurement

PT

critical incidents elaboration ^{change - reasonable to expect} 60

experiential
behavioral

IL skills evaluation 60

informational

behavioral log Judge 15-20

behavioral

RESPONSIBILITY

Tufts stuff

40

attitudinal
circumstantial

hopefulness
decision-making
problem-solving

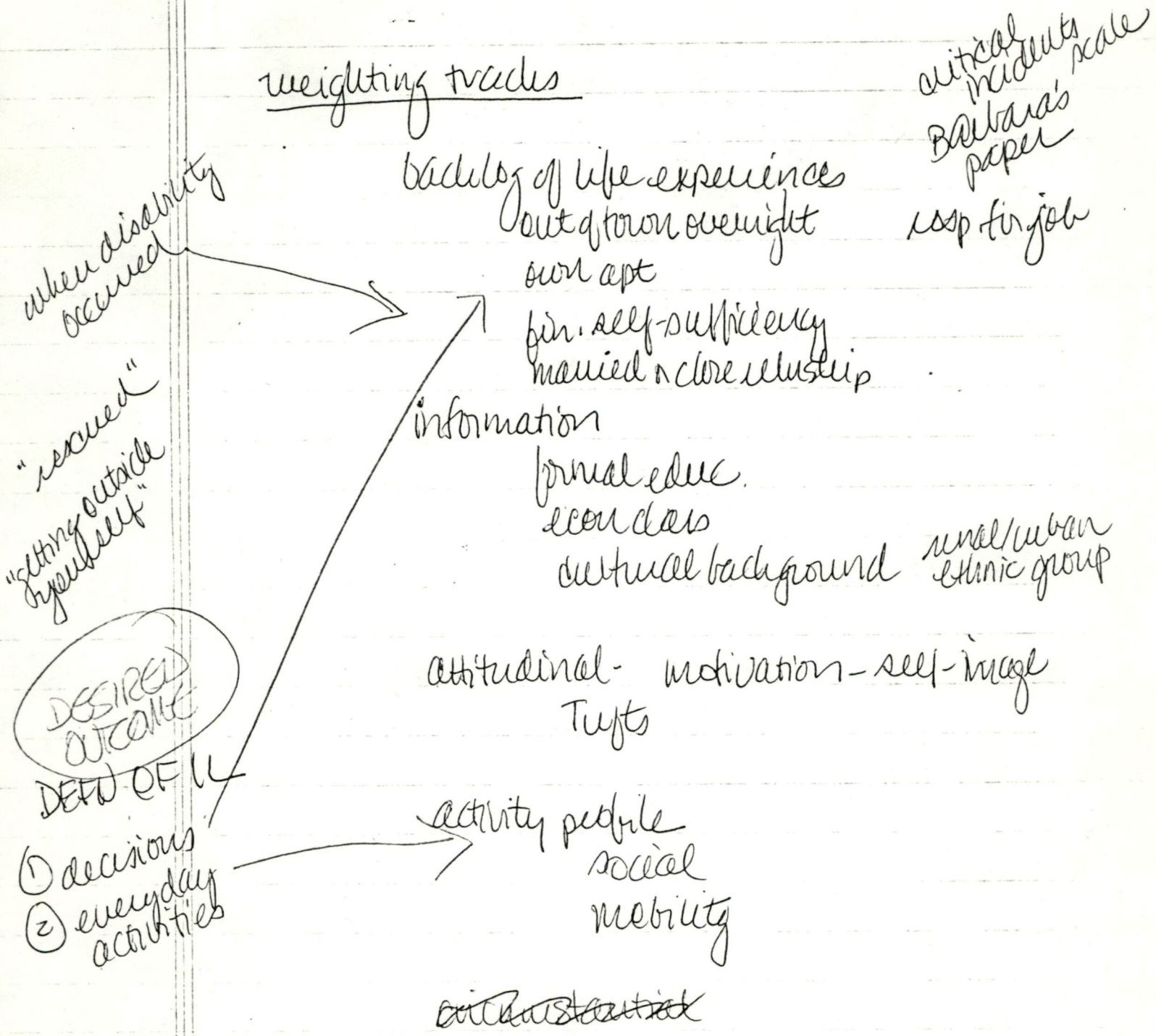
needs revision

PROGRAM
DEV. -

whole project
is an experiment
in how people
learn these
skills

{ control group
wide rates

"weighted closure" concept
(a) criteria for closure
(b) weighting

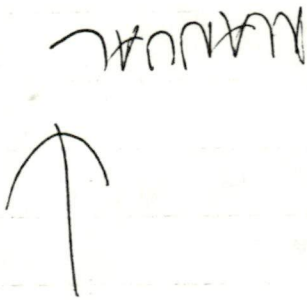


Circumstantial

MF, married or single, home accessible or not

ASSEMBLY

HOW DO PEOPLE
LEARN THESE THINGS?



why are we doing this? redundant with
redundant indicator, T1, T2, etc. - weighted
choice of T1, T2, T3, etc. - human factor - discussion?

large pop - gross measures of status
small pop - more intensive view

of process

RESEARCH FOCUS

program process → outcome

what if program changes dramatically?
→ experimental model - even part-time person
→ new context - major effort

NEW OPTIONS PARTICIPANT EVALUATION SUMMARY
FORM #1

CYCLE # 1 thru 11

NUMBER OF PARTICIPANTS IN CYCLE 61

DATE January 30, 1978

NEW OPTIONS MODULE RATINGS:

MODULE	SCORE FROM GENERAL RATING SCALE (average)	RANK	TABULATED SCORE SPECIFIC RESPONSE SCALE (average)	RANK	PROBLEM INDICATED (X)
social skills	3.9	6	8.1	4	
consumer affairs	3.9	6	7.6	8	
financial management	4.2	4	7.7	7	
attendant management	4.0	5	7.4	9	
living arrangements	4.3	3	7.8	6	4
medical needs X	4.4	2	8.5	3	2
mobility	4.2	4	7.9	5	4
sexuality X	4.6	1	8.9	1	1
functional skills X	4.3	3	8.7	2	2
vocational/ educational	4.2	4	7.3	10	

NEW OPTIONS PARTICIPANT EVALUATION SUMMARY
FORM # 2

CYCLE # 1 thru 11

DATE January 30, 1978

NUMBER OF PARTICIPANTS IN CYCLE 61

NEW OPTIONS PROGRAM GENERAL COMPONENT RATINGS:

	SCORE FROM GENERAL RATING SCALE (average)*	EXTREME VARIANCE/ INDIVIDUAL DIFFERENCES (X)	PROBLEM INDICATED (X)
group leaders	4.7		
associates	4.4		
others	---		
attendants	4.0		
attendant system	3.7		
transportation system	3.8		
field trips	4.3		
individual counseling	4.0		
modules	4.3		
recreation	3.5		

* possible score of 0-5

following
lifts
of 197

goals benefit Days

32	Culford	64	+	2	32	—	32
29	Hill	61	—	not in			32
31	Brent	45	+	2	31	2	14
25	W. Va	71	—	0	25	—	48
16	Eng	26	—	2	16	—	10
33	Bell	71	+	2	33	2	38
35	Woody	97	—	2	35	2	62
32	Carroll	83	+	2	32	2	51

— phys. June. not a predictor
of outcome

low score by surface = poor
outcome

Wilson	68	—	0	27	0	47
Pattin	93	+	—	not in		62
Bowden	81	—	2	28	0	53
Ward	98	+	2	34	2	64
Hannan	71	—	2	33	0	38
Gordon	47	+	0	29	2	18

— Win 4

pre program

Pottin	23 23	45	88	31	5
Wilson	25	41	66	—	
Munnen	27	36	63	33	7
Gordon	22	18	40	29	7
Ward	32	58	90	P67	8
Bender	25	47	72	P53	9
Bel	29	34	63	33	8
Woolley	34	62	100	—	
Myer	29	54	81	—	
Big	18	26	44	—	
Carreno	31	78	109	—	
Greaf	25	26	51	31	-6
Hill	33	38	71	—	
Alford	33	39	72	—	

tufts

d=14

big chg were
no chg were
gross ratio
29th passed
~~29th~~ failed

1/4 above 29
1/4 below 29
1/4 below 29
1/4 below 29

~~not~~ 29th passed
29th below 29
29th failed
29th below 29

Part 2

19

+

11

11

11

11

11

think you
can't
change
children in
social
structure
support
you
can't
change
children in
social
structure

Barriers
social

unconscious

Psychological / Attitudes

205

2

3

10 360

10

280

Ret 50²

20²

50²

of flour

of total

31²

31²

38²

time since out

63 to 20
20 to 18
18 to 53
20 to 22

caf
N = 43

20 to 25

20 to 22

5

Success Rates

among 0-2 yrs post onset 50% 10

2-5 20% 10

5-on 50% 8

persons living w parent ~~33%~~ 21

" in nursing home 40% 5

" others 100% 2

" from urban 47% 15

from rural 31% 7

females 58% 4

non whites 33% 6

white males ~~67%~~ 18

quecks 40% 15

early Tufts score < 30 80% 5

> 30 42% ~~47%~~ 9

late Tufts < 30 75% 8

> 30 33% 6

71% by change 7% 29% small

overall by staff 37% 28

by counselor 35% 29

by self report 40% 25

" (circle work) 56%

		specific	girl			
8.1	10.7 soc	4	6	<	5	5
7.6	com	8	6	<	7	10
7.7	fin.	7	4		5 8	7
7.4	att	9	5		7	9
7.8	living	6	3		4 8	4
8.5	med	5	2	<	2	2
7.9	mbk	5	4	<	4	5
8.9	st	1	1	<	1	1
8.7	fun	2	3	<	2 8	3
7.7	voc.	10	4		7	8
			prob 7			11
			home 8			12

Cycle satis. avg.

3.9	4	3.7	1	1	4	25	33
4.7	10	3.8	11	4	5	31	50
4.0	5	4.4	7	5	2	26	66
				2	1	40	66

early data indicate
 opinion or enjoyment
 not cor. to outcome
 little or no

attitude ques.

85 and 5

- 1 Sex = 4.6
- 2 SS = 3.9 → 3.6 vs 4.2
- 3 living = 4.3
- 2 medical = 4.4
- 5 attendant = 4.0
- 6 consumer = 3.9
- 4 financial = 4.2
- 3 functional = 4.3
- 4 voc. = 4.2
- 4 mobility = 4.2
- 7 problem = 3.0
- 8 home mgmt. = 2.8 → leisure

leaders = 4.7

associates = 4.4

transpo. = 3.8

attendants = 4.0

ext. system = 3.7

fieldtrip = 4.3

counseling = 4.0

modules = 4.3

recreation = 3.5

following group

down

Gave

school

—
—
—

—
—

chop ball

my

College

Sonyals

Caron

college

college

apartment ^{for}

working

Sonyals ^{Russel}

College

—
—
apartment ^{Patt}

—
—
school

school

school

—
—
apartment ^{Ruby}

—
—
school

house stand

a partment of my

workshop

school

~~✓ Gordon & Walter~~
~~other & Wagon~~

$N=23$

40%

52%

dorm alford

school

$N=25$

10 more indep. h. argt.

13 w vapor

40%

52%

56% either

Considerations

—	motivation	—	motivation	+
colleag	imp self c	—	*	+
apt.	insight	—	—	+
—	expanded view	—	+	0
—	broadened	2nd more	motivation	+
—	more aware	—	—	+
down	confidence	—	—	+
down	security	—	—	+
down	insight	—	—	+
apt.	survival skills	—	—	0
—	open-minded			+
—	understanding			+
—	exposure			0
colleag	pos. attitude			+
apt.	self sufficient			+
—	—			1
—	self assured			00
—	assertive			00
colleag	independence			+
—	—			0
—	—			+
—	—			0

—		0
—	knowledge	0
—	risk taking	+
—	self help	—
job	self confidence	+
—	independence	0
college	motivation	+

N = ~~28~~
29

+	0	—
17	10	2

11 pos. changes
(during airt. of voc.)
38%

17 — no
reasonable good
59%

7% problems
(bad operators)

34% no change

Establish Staff Ratings Criteria

H Bell	1	1 Woolsey
H Cannon	1	1 95 Vee
H Guest	1	2 Ryd
P. Patten	2	2 Bell
3. Colon	3	1 Berridge
		2 Barnes
P. Gordon	1	3 Bowden
V. Ward	1	2 Reed
		2 ? Cannon
P. Goullet	3	1 ? Justice
		2 Sandry
		2 Lum
Hipp	3	3 Bridges
Welker	2	3 Olson
Wynum	2	3 Stroud
		1 Jack
		2 Will

11 good
39%

N=28 17 bad
61%

cycle 1-5 [7]

Ballard
Hill
Murray
River

Borse
Lewis

Jan 1881

of carbonado date / 5 cycles
RATE good
black
non white

33th

28th
some

21st

28th

53rd

female

50th

50th
sun

14th

50th 20th

white male

39th

40th
new

64th

60th

28th

26 of first 28 51
54th quads

48th

40th

60th

58th

1/47%

Urban vs rural
50% 61% 50% 50%

of positive outcomes
82%

82%

male

white

63%

w/male

55%

quad

NO
GOOD

(follow up) Sample
total sample

86%

male

79%

white

64%

w/male

54%

quads

	Name	Male/Female	Sponsorship	Age	White/Non-white
Cycle 7	1. Mark Bouse	M	TRC	21	white
	2. Lynn Corkill	F	TRC	23	white
	3. Marc Lancaster	M	TRC	21	white
	4. Bryan Lewis	M	TRC	31	white
Cycle 8	5. Garland Bilnoski	M	TRC	18	white
	6. Cathleen Heartfield	F	TRC	20	white
	7. Michael J. Alford	M	TRC	18	white
	8. Robert Salinas	M	TRC	25	white
	9. Gary B. Smith	M	TRC	30	white
	10. John Vickers	M	TRC	21	white
Cycle 9	11. Kenneth Chandler	M	TRC	24	white
	12. Anthony Cewantez	M	TRC	18	white (Mex-Amer)
	13. Frank Cree	M	family	26	white
	14. Kimball White	M	TRC	23	white
Cycle 10	15. Timothy Fancher	M	TRC	19	white
	16. Vicky Castetter	F	TRC	20	white
	17. Melani Sue Patterson	F	TRC	19	white
	18. Edgar Warren	M	TRC	40	black
Cycle 11	19. H.C. Ceasar	M	TRC	28	black
	20. James Conley	M	TRC	40	white
	21. Charles Hamison	M	TRC	25	white
	22. James Lockett	M	TRC	33	black
	23. DeVanna J. Smith	F	TRC	21	white

	Name	Male/Female	Sponsorship	Age	White/Non-white
Cycle 11	24. Samuel W. Lott	M	TRC	31	white
	25. Giles Provost	M	TRC	29	white
	26. Bobby C. Wyeth, Jr.	M	TRC	20	white
	27. Sandra Durham	F	TRC	25	white
Cycle 12	28. Joey Ferguson	M	TRC	28	white
	29. Felix Ramas	M	TRC	28	white (Mex-A)
	30. Kimberly Ward	F	TRC	22	white
	31. * Carl Chpps	M	TRC	19	white
	32. Maria Alvarado	F	TRC	30	white (Mex-A)
Cycle 13	33. Kenneth Polly	M	TRC	23	white
	34. Andrew C. Palmarez	M	TRC	21	white (Mex-A)
	35. Carmen Hamson	F	TRC	22	black
	36. Martin Benty	M	Insurance Co.	21	white
	37. Rodney Graves	M	TRC	20	Black
Cycle 14	38. Bryan D. Revia	M	TRC	21	white
	39. Mark Wilkins	M	TRC	21	black
	40. Kenneth Richardson	M	TRC	20	Black
	41.				
	42.				
	43.				
	44.				
	45.				
	46.				

NEW OPTIONS RESEARCH DATA COLLECTION INSTRUMENTS

CURRENTLY USED

Application (questionnaire)

Pre-Admission Interview (optional)

Counselor Referral (questionnaire)

Discharge Questionnaire (module ratings, program ratings, and application
information followup)

Tufts Questionnaire (status evaluation)

Participant Followup (include Discharge Questionnaire, Tufts Questionnaire,
and Goal Survey)

Counselor Followup (questionnaire)

Wheelchair Odometer - Mobility Study (includes calendar study and direct
observation of behavior)

Rest Time/ Sit Time Monitor Study

UNDER DEVELOPMENT

Goal Survey and Followup

Critical Incidents Study

Moos Environmental Survey

Behavioral Log

Status Survey

<u>Cycle 12.</u>		<u>AGE.</u>	<u>TOTAL INCOME</u>
Kimberly Ward.	CP	22	118.54
Felix Ramos.	Para	29	160.00
Joey Ferguson	Quad	29	25.00
Sondra Durham	Quad	26	118.54
Carl Cripps.	Para.	20	118.54

<u>Cycle 11</u>			
H.C. Ceasar	Para	29	118.54
J. Conley	unknown	41	0
C. Harrison	Quad	26	322.50
J. Lockett	Quad	34	980.00
S. Holt.	Quad	32	396.70
J. Provost	CP	29	165.00
D. Smith	Quad	22	201.30
B. Wyatt	CP	21	0

<u>Cycle 10</u>			
T. Fincher	CP	20	40.00
V. MacDaniel	spinal injury	21	118.53
M. Petersen	brain damage	20	5.00
E. Warren	Quad.	40	322.50

4

TIME SINCE
ONSET

		<u>AGE.</u>
⑪	Devenna Smith - quad	22
	Bobby Wyatt. - CP	21
⑩	Melanie Patterson ^{brain} damage	20
⑨	Joe Cree - CP	26
⑧	Robert Salinas - Quad	26
⑦	Lynn Corkill - Quad	23
⑥	Billy Grace - Quad.	30

Persons that we have no data on -
for research.

1-17-74

- 6-25-76

(2 1/2)

TIME SINCE ONSET

Below one year. → (0-12 months.)

5 months. - D. Conley 1
 7 months. - B. Lewis.
 6 months. - M. Lancaster. 1
 8 months. - J. Ballard.
 8 months. - G. Hill. 1
 9 months. - G. Bell.
 12 months. - S. Guest.
~~12 months. - William McVee.~~
 6 months. - M. Barnidge. ✓
 13 months. - G. Bilhoski.

(10)

(9)

2

9

17

(1 to 3 yrs.)

2.5 - Albert Rye.
 1.75 - C. Caneno.
~~1.00 - J. Walsley.~~
 1.25 - G. Gordon.
 1.4 - P. Ward.
 1.5 - D. Scistiss.
~~3.0 - P. Handing.~~
 2.5 - C. Lunn.
 1.5 - S. Tuck.
 2.3 - G. With.
 2.6 - E. Bell.

2.0 - P. Mainay.

2.0 - M. Asford.

2.0 - G. Smith.

2.0 - A. Cawnter.

2.0 - H. C. Coasan.

1.5 - C. Harrison.

~~3.0 - J. Kockert.~~

(10)

(10)

(14)

7.5 - J. Bowden; (3 - 10 yrs.)

4.5 - D. Neumann.

6.3 - S. Wolken.

(14)

(12)

6.25 - S. Wynn.

3.5 - Elroy Barnes.

30. - P. Handy.

3.0 - J. Hockett.

9.0 - E. Wilson.

7.6 - K. Chandler.

Barnes.

3.5 - E. Warner.

172 - 5

4.6 - S. Hott.

10 → 20 yrs.

12.0 - F. Bridges.

13.25 - E. Hipp.

12.25 - G. Olsen.

13.6 - T. Strand.

19.0 - R. Patin.

~~20.0 - R. Trevino.~~

(8)

(9)

10.75 - C. Ritter.

21

~~20.0 - C. Heartfield.~~

19.0 - T. Fancher.

24.0 - R. Gottlieb.

20 → 30 yrs.

21.5 - J. Vickers.

(6)

(7)

24.0 - K. White.

21.0 - V. MacD.

29.0 - G. Provost.

20.0 - C. Heartfield.

20.0 - R. Trevino.

BY DISABILITY DESCRIPTION

LIST OF N.O. PARTICIPANTS

AGE

Qual.					
25	✓	-11	Charles Thurston		
31	✓	-11	Samuel Kott		
33	✓	-11	James Kockett		
40	✓	-10	Edgar Hansen		
24	✓	-9	Ken Chandler		
18	✓	-9	Anthony Garmstrong		
18	✓	-8	Michael Alford		
19	✓	-8	Galund E. Balmisti		
30	✓	-8	Gary Smith		
21	✓	-7	Richard M. Bone		
21	✓	-7	Mare hennesta		
31	✓	-7	Dugan Lewis		
25	✓	-6	Gary Hill		
20	✓	-6	Robert Murray		
28	✓	-6	Carl Ritts		
20	✓	-5	Maren Brumidge		
26	✓	-4	George Olsen		
32	✓	-4	Thomas E. Stand		
22	✓	-4	Steven D. Walker		
18	✓	-4	Gregory D. Witt		
23	✓	-4	Stephen W. Wynn		
30	✓	-4	Frank B. Bridges		
22	✓	-3	Christopher Kinn		
20	✓	-3	Paul Kanding		
21	✓	-3	Deborah A. Quotin		
21	✓	-1	Allet Rye		
23	✓	-1	Gary Bell		
21		-1	Stephen C. Groat		

22

20

20

<u>Pana</u>				<u>AGE</u>
H.C. Ceasar	- 11	✓		28
Joe Lee Ballard	- 6	✓		23
El Roy Barnes	- 5	✓		38
Erwin Bell	- 5	✓		28
Stamford K. Tuck	- 4	✓		20
Robert Hipp	- 4	✓		35
Ruby Gottlieb	- 3	✓		53
Pattie Ward	- 2	✓		22
George D. Reed	- 2	✓		33
Deborah K. Naumann	- 2	✓		21
Gary D. Gordon	- 2	✓		20
Jerry Wayne Bowden	- 2	✓		27
William E. McVea	- 1	✓		26
Joseph E. Woolsey	- 1	✓		18
Carlos S. Carreno	- 1	✓		24.

Cerebral Palsy

Giles Frost	- 11	✓	29
Timothy Fancher	- 10	✓	19
Kimball White	- 9	✓	24
John Louis Pickens	- 8	✓	21
Cathleen Heartfield	- 8	✓	20

Other

- 40 11 Duke Conley - unknown
- 21 10 Vicky MacDaniel - spinal bifida ✓
- 22 5 Joseph L. Colon - muscular dystrophy ✓
- 19 5 Russel L. Patin - predux - ataxia ✓
- 20 5 Ricardo Trevino - polio ✓
- 36 5 Ernest Wilson - brain damage. ✓

Rosabel Rivas

1/18/78

cycles (10 thru 11)

Sex

Male 11111111/9

Female 111/3

Disability Type - Quad C⁴⁻⁵ —

Quad C⁵⁻⁶ — ✓

Cerebral Palsy — ✓

Quad C³ —

{ spinal bifida - para 1

{ Brain Damage — ✓ }

Marital Status

Single — ✓✓

Married —

Divorced — ✓

Age 23, 22, 21, 31, 30, 40 —

18

20 ✓

19 ✓ 24

Range —

Length of Disability Before New Options

5 yrs

3 yrs

10 yrs ✓

(Since Birth — ✓✓

4 yrs. ✓

2 yrs

1 yr

7 yrs

Where Living Before N.O.

with Parents ✓✓

Nursing Home

Apartment

What Type of Wheelchair

Electric -

Manual - ✓✓

Both E + M -

What Special Needs

Eating ✓

Dressing ✓

Bathing ✓

Bladder Needs

Bowel Needs ✓

Mobility w/ w/c

Turning at night ✓

Writing ✓

Other - in + out of chair, ✓
w/ w/c

Who provides Attendant care

Private Attendant -

Nursing Aid in Nursing Home - ✓

Family Members - ✓

None required

How much income From Self - (SSDI - \$40.00) (SSI - \$118.53) (SSDI - 322⁵⁰)

•

Did not know

From Family - (\$5)

Who Provides Transportation

Family Car - ~~not used~~ ✓
United Cerebral Palsy - ✓
Own Equipped Van -
TRC -

Relatives ✓
Not provided

Rehabilitation Before New Options

Medical Rehab at THIR - ✓
Medical Rehab at Gonzales, Tx. -
None - ✓

Physical + Vocational Therapy. ✓
El Monte Cerebral Palsy Center - ✓
Jefferson Davis Hos. Medical - ✓
Medical Rehab at Texas Rehab Center - ✓

Arso Data

6-10 (w/ work)

53 arso

192 mg

cost \$3795

38 arso/cycle
with

1-5 (before work)

26 arso

159 mg

cost \$2625

32 arso/cycle
with

field trips

Approx 17/cycle (trip 1)

14.6 (before work)

16.6 (after work)

> same

spend $\pm$ \$642/cycle
on asso. fees

38 mtgs w asso/cycle

avg. mtg. 1/dif. asso/cycle

1 professional research consultation
6 ~~5~~ student research projects

Bell - a subjective experiential
evaluation

Forbes ^{BA} - a study of changing
self concepts (thesis)

* Stuart ^{PhD} - a module assessment
plan

Russell ^{MA} - a comparison of
the effectiveness of
alternative module
teaching methods

Russell ^{MA} - a descriptive program
analysis

Sharp - a descriptive evaluation

Goldsohl ^{PhD} - a study of changing
behaviors (thesis)

Professional Expenses

approx. annual salaries

2 full time { social worker
PT

1 $\frac{1}{3}$ time voc. counselor

1 $\frac{1}{2}$ time administrator

1 full time day

1 ~~to~~ ~~1/2~~ full time asso. coord.

(not including research personnel)

$\approx \$60,000$ over 7 cycles

w 6 parts / cycle avg.

$= \$1,430$ / person or

$\approx \$48$ / day / participant for
professional salaries & support

1.3
~~1.25~~ avg. mileage (1-11)

approx. 5 hrs./day
scheduled (cycles 6-11)

± 13.0 hrs./day out
of bed (6-11) 1 hr. less
for guards

Attendant Salaries

1 manager

7 full time attendants

2 1/2 time "

\$58,000 over 7 cycles
@ 6 parts/cycle avg.

= \$1381/person or

\$46/day/participant
for attendant care

\$55/day standard
charge for room/board

x \$150 / day / participant expenses

Expenses could be cut by

1. using para - professionals
in counseling roles

2. better medical screening
and disassociation with
hospital liability

3. less expensive space

4. more participants
per cycle - eliminate
dropped weeks

attendant mgrs
reports that a staff of
8 attendants (or part time
equivalent) could serve

as many as 12 patients with the no additional expenses.

This system uses 2 attendants in the morning, 2 in the evening, and 1 through the night.

7215 (7 May 9)

12 / |||||

1/2

カ/

10/15/24

101 - 3-3 0400

SINGLE - 719N13

DIVORCED - 1 ~~SINCE DISADV~~

AGE 23, 22, 21, 31, 30, ✓

22, 21,

31, ✓

30, ✓

18750481 - RANCE -

LENGTH OF DISABILITY BEFORE NEW OPTIONS

5 yrs. ✓

3 yrs. ✓✓

(22-24)

✓ 4 yrs.

24.5.17 ✓

(CP-20415.)

145.

1514

(CP - 24 yrs.)

$$(nh_2 - 1)$$

WHITE LIVING BEFORE N.O.

8/ WITH PARENTS

✓✓✓ 374 9N152N

✓ APPARATUS (SELF)

~~10501745~~

with provides TRANSPORTATION

FAMILY CAR - 1111111/7

UNITED GER. Pal. VAN-1

OWN EQUIPPED VAN - 111-3

1-221

1 50N3124

~~MISS AID 5 IN NURSING HOME~~

WHAT TYPE OF WHEELCHAIR

ELECTRIC - ✓✓✓✓/4

MANUAL - ✓✓✓✓/4

BOTH E&M - ✓✓✓✓✓/5

C. HEARTFIELD REQUIRES

ONLY WALKING AID.

WHAT SPECIAL NEEDS

EATING ✓✓✓✓✓✓✓✓/8

DRESSING ✓✓✓✓✓✓✓✓✓✓/11

BATHING ✓✓✓✓✓✓✓✓✓✓/12

BLADDER NEEDS ✓✓✓✓✓✓✓✓✓✓/10

BOWEL NEEDS ✓✓✓✓✓✓✓✓✓✓/12

MOBILITY W/W/C ✓✓✓✓✓✓✓✓✓✓/6

TURNING AT NIGHT ✓✓✓✓✓✓✓✓/6

WRITING ✓✓✓✓✓✓✓✓/5

WHO PROVIDES ATTENDANT CARE

PRIVATE ATTENDANT - IIII/4

NONE REQUIRED ✓

NURSING AID IN NURSING HOME - IIII/4

FAMILY MEMBERS - IIIII/6

HOW MUCH INCOME FROM SELF - (SSI - \$111.38) (SSI - \$25)

(0.00) (SSDI - \$332, V.A. - 160) (SS - \$92.00) ~~(SS - \$92.00)~~

(100.00) (SSI - \$177.80), TRC \$160.00 (SSI - \$111.85)

DID NOT KNOW. ✓

FROM FAMILY - (\$50) (ALL NEEDS) ✓✓✓

(DID NOT KNOW ✓) (\$600.)

Income range (0 - \$495.0)

REHABILITATION BEFORE NEW OPTIONS

MEDICAL REHAB AT TIRR — ✓✓✓✓/4

MEDICAL REHAB AT GONZALES, TX. — ✓✓✓✓/4

NONE — ✓ @ ✓

PHYSICAL & VOCATIONAL THERAPY. ✓

MEDICAL REHAB/CARUTH MEMORIAL REHAB. CEN. ✓

TEXAS JAYCEE EDUCATION & AND TRAINING PROGRAM. ✓

~~HOT SPRINGS REHAB. CENTER —~~

Average Time (O O B T)

Page
week of 7-26-76 temp: gastrointestinal

1st 3rd week dysphagia change in catheter size
Bella's corat caused skin problems (pressure)

1st 3rd week pressure sore on foot

1st 1st week 2 pressure lesions w/ infection

McVee

1st 1st week of 7-12-76 chronic ill. severe infection

Bluest

small blister on his back (not in given)

Carreno

no problems

N5
G2 = 6h
G3 = 10
R2 = 7
W = 1
cut 1 cut/Day

NEW OPTIONS TRANSITIONAL PROJECT

WEEK ENDING October 11-17

WEEKLY SCHEDULE

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	WEEKENDS
MORNING	free time for work on individual goals	9:00-10:30 meeting 10:30-3:30 living arrangements fieldtrip, <u>sack lunches</u>	10:00-12:00 consumer affairs/ Bill Wild /David Kope	9:00-1:00 mobility module/ fieldtrip to airport/lunch at airport/ bring own money	9:00-12:00 vocational module/ Wayne Alfred	
AFTERNOON	1:00-3:00 sexuality module 3:30-4:40 group	3:30 staff meeting	2:00-3:30 attendant management 4:00-6:00 medical needs module	2:00-3:30 functional skills/ Jane Sperry	1:30-5:00 individual evaluation and counseling	
EVENING				5:00-7:00 financial management/ Jim Veerkamp	7:00-9:00 consumers affair/ Bill Wild	

Cycle One

Guy Bell - skin problems, development of pressure sores
GU (genital urinary) problems

Carlos S. Carreno - no medical or physical problems.

Stephen C. Quest - some GU problems, bladder infection recurrence
- small skin blisters on back.

William E. McVea - most problems were GU, kidney stones,
mild respiratory infection

Albert Rye - difficulties w/ external catheter, obesity,
seborrheic dermatitis in the groin.
(week of 7-2-76) symptoms of gastrointestinal character w/
oral temperature elevation - med. for urinary
tract infection.

Joseph Woolsey - some pressure irritation from corset stays
- slight orthostatism.

Cycle Two

Lerry Wayne Bowden - bladder infections, spasms
(good general physical health.)

Gary Douglas Gordon (Oct. 12, 1976) early pressure sores in sacral area
assoc'd w/ cutaneous perianal excoriation
(Aug. 18, 1976) - some swelling, spasm (minimal)

Deborah Lynn Naumann - bowel problems (constipation)

George Daniel Reed - pain assoc'd w/ spasms.
chronic GU tract infection.

Pattie Ward - constipation problems, only

Cycle Three

Ruby Gottlieb - small pressure sores on heels and toes.

Debbie Justiss - constant burning pain from neck down
assoc'd w/ chronic "tension" of muscles in her
upper extremities.

Paul Landry - none.

Christopher hum - deep pressure sore over left heel,

Cycle Four

Frank Bridges - obesity, mild orthostatism, (no summary)

Robert G. Hupp - occasional respiratory infection
(NO SUMMARY) - small pressure sores over right trochanter
acute, subacute bronchitis at present, secondary to
upper respiratory infection.

Thomas Edward Strand mild orthostatism, (no summary)

George Olsen - pressure sores, (NO SUMMARY)

Stanford K. Tuck - (no summary)

Greg Witt - no discharge summary

Stephen Walker - no discharge summary.

Stephen Wynn - no discharge summary

Cycle Five

El Roy Barnes - old pressure sore

Marvin Barnidge - small pressure lesion over the right trochanter

Ervin Bell - open, weeping lesion on pretibial area - also in the interdigital area on the great and first toes on the right foot.
- bladder and kidney infections.

Joseph Colton - (muscular dystrophy) - back pain

Russell L. Patin - degenerative order of cerebral palsy.

Ricardo Trevino (poliomyelitis) Infantile spinal muscular atrophy - present respiratory infection.

Ernest Wilson - nothing

Cycle Six

Jackie Ballard - old pictures are over lower sacrum

Gary Hill - acute upper respiratory infection

Robert Murray - caution of concerning pressure areas.

Carl B. Ritter - none -

