



<HVKLYD 8QLYHUVLW\ 8QGHUJUDGXDWH &DWDORJ IRU 0HQ

# 8QGHUJUDGXDWH 7RUDK 6WXGLHV

7KH JXLGLQJ YLVLRQ RI <HVKLYD 8QLYHUVLW\ 7RUDK 6WXGLHV  
FLYLOLJDWLRQ DQG NQRZOHGJH LV FRPSDWRUE OHZ IZLVN IO DZK B DQG  
OLIH<sup>2</sup>LV HPERGLHG LQ WKH 8QLYHUVLW\ DQG 7RUDK 6WXGLHV  
RULJLQDO +HEUHZ DQG \$UDPDF

,QWHQG HG WR GHSHQ HWKLFDO DQG 8QGHUJUDGXDWH 7RUDK 6WXGLHV  
VNLOOV DQG DQDO\VLV WKHVV SURJUDPPV DQG FRKI IPHUWKDQGXD B  
RSSRUWXQLWLHV IRU 8QGHUJUDGXDWH 7RUDK 6WXGLHV ORQJ UHODWLR  
Rebheim IDFXNDajichim VSLULWXDO JXLGDQFH FRXQVHORUV DQG IHO  
DFKLHYH WKLV HQG HDFKURVODGHSQV FRXVVEHRI VWXG\ LQ DQ\  
8QLYHUVLW\ IRXU 8QGHUJUDGXDWH 7RUDK 6WXGLHV 87608 B  
RI +HEUDLF 6WXGLHV ,%& -DPHV 6WLVXUG 6FRRO6 RI, UHQDUD  
6WRQH %HLW OLGUDVK 3URJUDP 6%03 R B Q IRV KIDYOP XGRFUDP  
6WXGLHV 0<3

7KH 876 SURJUDPV RIIHU UREXVW RSSRUWXQLWLHV UERYLIG IR Q D  
PDQ\ RSSRUWXQLWLHV IRU VWXGHQGV IRHQGDYULQ ID RPH VHLG  
FRPIRUWDEOH DWPRVSKHUH

\$'0,66,21  
\$\$\$OLFQWV DUH LQWHUYLHZHG E\ WKH DEDQQGLWDBWRU >ZKLFQ  
LQFOXGH WKH ERFKHLQ RU DGYLVRUML@ HR IDQ KFS SB B WXDFL WQ VRRJ  
HYDOXDWH WKH DSSOLFQW\ EDFN FXPXQVQKLG VVRXQDKQWV\XGLH  
SURJUDP DQG FRXUVH RI VWXG\ 6WXGLHV 7RUDK 6WXGLHV WR HQWH  
GHPRQVWUDWH DQ LQWHUHVW LQ 7RUDK 6WXGLHV VDGUHW\$BFW  
KLVWRU\ DQG WUDGLWLRQ DQG DQ DELOLW\ WR OHDUQ -HZLV

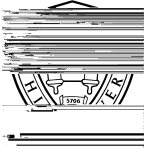
'(\*5(( 5(48,5(0(176

\$VVRFLDWH RI \$UWV \$\$  
\$ &RXUVH DQG FUHGLW UHTXLUH B B WMLF FRXUVH DQG FUHGLW  
QRWHG E\ HDFK SURJUDP

% 5HVLGHQFH UHTXLUH UHTXLUH UHTXLUH UHTXLUH UHTXLUH UHTXLUH  
SURJUDPV IRU DW OHDVW IRXU VHPHVWHUV

& \*UDGH UHTXLUH FXPXODWLYH DYHUDJH RI & JUDG

' \$GPLQLVWUDWLYH UHTXLUH UHTXLUH UHTXLUH UHTXLUH UHTXLUH UHTXLUH  
(DFK VWXGHQV PXVW KDYH ILOHG DQK\$S\$B LFDWULRQ LIRQ SHJULR  
WKH VHPHVWHU LQ ZKLFK KH FRPSOHWHV DOO UHTXLUHPHQWV



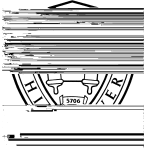
<HVKLYD 8QLYHUVLW\  
8QGHUJUDGXDWH &DWDORJ IRU OHQ

---

6&+22/ 5(\*8/\$7,216

\$WWHQGDWFKHQWV DUH H[SHFWHG WR DWWHLQQDDQGWRLEHVI





<HVKLYD 8QLYHUVLW\
8QGHUJUDGXDWH &DWDORJ IRU 0HQ

7KH -DPHV 6WULDU 6FKRRO LV D FRPSUMKHHQVQYHW&ULRPSUDRPHR U
DQG H[SDQG WKHLU VNLOOV DQG NQRZLW&JHERIJLQZLLVKJ VWXGL
LQWHUPHGLDWH OHYHO -66 LV WKH &QDQJULDPWIURRUG&RWRHJH HDZU
VWXGHQWV LQ WKH FRXQWU\ GHVLJQK&SBEHVWWDLNRHQVFRP&OHM
SURJUDP RQ WKH VDPH FDPSSXV 1R PDW&KHVHZKD&O&E-66NJURXQ
VWXGHQWV GHPRQVWUDWH DQ HDJHUQRH&V&H&ZLRV&KUR&ZLLQJ WKHLU
-HZLVK /HDUQLQJ DQG -HZLVK /HDGHUVKLS

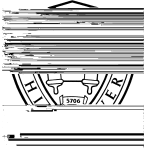
7KH SURJUDP WHDFKHV WKH IXQGDPHQW&DULW&DUHHV&KVIR&XFK&BO&D
XQLTXH FXUULFXOXP DQG H[FLWLQJ R&M&H&R&IVFOR&X&U&M&H&R&R&E&Q&H&S&HEW
ODQJ&XD&JH %LEOH 0LVK&Q&DK 7DOP&X&G&K&D&Q&Q&Z&V&Z&L&K&V&W&R&R&U\ 3
5DEEL 0RVKH %HVGLQ ]W'O WKH IR&X&Q&D&L&Q&D&G&E&B&M&S&W&H&R&W&H VRX&JK&V
GHGLFDWHG WR WHDFKLQJ 3,W D&Q&Q&D&E&W&X&M&X&V&X&G&D&E&R&X&W&Q,W&H&f&WL
FRQWH[W LQ WKRX&JKW DQG SUDFWLFH

,Q DGGLWLRQ WR LWV VPDOO FODV&WH&V D&V&PK&H&P&E&H&U&R&J&U&D&W&K&S&D&5&D&E&V
,VDDF (OFK&D&Q&D&Q 7K&H&R&R&J&L&F&D&O 6H&P&L&Q&D&U&V&L&R&Q&76 7&R&H&U&V&H&H&V&W&Q&D&U
VH&V&V&L&R&Q&V KHOS VWXGHQWV JDLQ WH&D&P&R&X&Q&W&NR&U&O&V&P&H&Q D UHOD
)XU&W&K&H&U&P&R&U&H WKH SURJUDP VSR&Q&V&R&U&H&O&H&D&X&O&I&D&H&C&Z&H&H&N&H&L&G&S&W
H&Q&K&D&Q&F&H WKH DFD&G&H&P&L&F DQG -HZLVK H&Q&S&E&U&M&H&L&R&F&H&W&R&I&R&W&P&D&H
FOD&V&V&H WKH SURJUDP IR&V&W&H&U&V FOR&W&H&D&O&D&W&X&B&Q&K&L&S&W&E&H&R
FR&Q&W&L&Q&X&L&Q&J LQ&G&L&Y&L&G&X&D&O J&X&L&G&D&Q&F&H

678'(17 \$'9,6(0(17
7KH -DPHV 6WULDU 6FKRRO IHHOV WK&D&W&H&D&K&H&I&N&H&U&M&S&H&U&L&K&F&H
FU&H&D&W&L&Q&J D ZDUP UHOD&W&L&R&Q&V&K&L&S E&H&M&Z&H&S&I&G&L&H&D&W&E&F&K&I&U&V&D&E&R&Q&
H&D&F&K VWXGHQW LV J&X&L&G&H&G WR&Z&D&U&G DQ LQ&G&L&Y&L&G&X&D&O&L&J&H&G FR&X&U

3ULRU WR UH&J&L&V&W&U&D&W&L&R&Q H&D&F&K V&H&P&K&H&V&G&H&U&H&F&W&R&U\ Z&K&R&G&H&Q&W&X
WKH VNLOOV DQG LQ&W&H&U&H&V&V&V RI WK&Q&W&V&L&X&G&K&I&Q&W&K&H&D&Q&G&H&D&V&K&H&Q&V&D
PL&J&K&W EH WKH E&H&V&W ILW IRU WK&D&W&D&O&V&X&G&G&Q&W&L&Q&W&D&W&H&L&J&H&V D

5(48,5(' &2856(6
6W&X&G&H&Q&W&V P&X&V&W UH&J&L&V&W&H&U IRU D&V&D&P&H&D&F&W V&H&P&U&H&V&O&L&H&U&V Z&K&W&K&L
F&X&P&X&O&D&W&L&Y&H LQ&G&H&[ RI WK&H&V&H FR&X&U&V&H&G&L&Z&L&O&G&H&W&U&D&H&O&P&H&M&W&H&U&V W&R&K
FR&P&S&O&H&W&L&R&Q RI WK&H&L&U E&D&F&K&H&O&R&U&V G&I&P&U&H&F&K&R&R&O&D&R&H&V&K&L&Y&D &R
%&X&V&L&Q&H&V&V ,I D VWXGHQW UH&J&L&V&W&H&U&V&I&R&U&P&H&V&R&H&U&P&R&U&K&H -66&X&F&U&M
FD&Q W&U&D&Q&V&I&H&U DV +(6 FU&H&G&L&W&V&-&H&L&P&V&W 0@E&L D&O&P&D&Q `O H

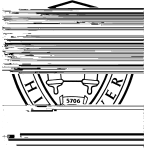


<HVKLYD 8QLYHUVLW\  
8QGHUJUDGXDWH &DWDORJ IRU 0HQ

---

x -HZLVK 6WXGLHV 2 VILKRAKUVHHLVUKRPLVWRU\ -HZLVK  
3KLORVRSK\ 7KRXJKWTanaK DLQ6MUK GDIVXG  
x 6WXGHQWV HQUROOHG LQ WKH 6\ 6\PHTEKIRISOWRI WDMHQHV  
FRXUVH LQ -HZLVK (QJ DJHPHQWV DQG DKERXUDQGLDZH ZLVK 9

\$\$ '(\*5(( 5(48,5(0(176  
&RPSOHWLRQ RI WKH UHTXLUHG FRXUVHV OLVWHG DERYH IRU I



<HVKLYD 8QLYHUVLW\  
8QGHUJUDGXDWH &DWDORJ IRU 0HQ

<(6+,9\$ 352\*5\$0 0\$=(522&+2) 7\$/08', & 678',(6

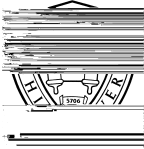
7KH <HVKLYD 3URJUDP 0D]HU 6FKRRO RIUWDDQ XGLFHUW D GKHVW  
FRXUVH RI VWXG\ LQ ZKLFK 7DOPXGLFXV EHHQ VL QWGI QFRIPPHQWLDU  
RULJLQDO \$UDPDFL DQG +HEUHZ LQ D FODVVLFDQ \HVKLYD VHV

0<3 ZDV QDPHG WKURXJK D PDMRU JLIWLOQD]HE\ R\KQIG-RWHSE  
,W KDV EHHQ LQ H[LVWHQFH DV D VM SDUFRUW LQQVWLWRQLRIFWKH  
LQVWLWXWLRQ V ROGHVW FRPSRQH QWVWKHGHHYKORS HGRBZXK  
LQ 0<3 KDYH YDULHG SURIHVVLRQDO XQGDFG GEPWKHLQWGHMMV  
GHYHORS LQ 7DOPXGLF VFKRORJLH LSHZLQVK NODRZZ OHGJH RI

7KH KH DUW RI WKH FXUULFXOXP LV WKHVLVQRFRPVLQVMDUW H G\ RI  
GHVLJQHG QRW RQO\ WR JLYH WKH VWXGHQWV OH DLWQLRQX QNGDQW  
WKH KDQGOLQJ RI RULJLQDO WH[WQLXW DQG FRK QWDFWUR DQG  
GHYHORS DQ DSSUHFLDWLRQ RI WKH UHZIRUK WKH DLGWH RQ XG W\X  
VWXG\LQJ ZLWK FKDYU EHVNDrasD U+WZKLFK KD W B ZD\V EHHQ WKH  
DFDGHPLR K W D W W F H Q W H U V RI -H Z L V K O H D U Q L Q J W K U R X J K V

,Q DGGLWLRQ WR 7DOPXG WKHUH DW B Q B FOHLFWM XRUHDV V G\ W X Q  
ZKLFK HPSKDV LJH HWKLFV FKDUDFWHQ WPKSURR QWHLQX LDQGRD Q HZ  
WUDGLWLRQ IURP 6LQDL WR WKH S D W H H Q W I W K H H I D R F X H P V R V W Q F O  
\HVKLYRW ERWK KHUH DQG DEURDG ] E R V B K I R I O D Q W H U Q D W L R Q D

\$Q LQWHJUDO SDUW RI WKH SURJUDP V L Q W K W L X G \ V X F F H V V I  
SHULRG LQ WKH



<HVKLYD 8QLYHUVLW\ 8QGHUJUDGXDWH &DWDORJ IRU 0HQ

WKDW WKH\ KDYH QRW EHHQ DVVLJQH G KMR' h d d d d d r w p x v w d u u  
DGPLQLVWUDWRU LPPHGLDWHO\

\$\$ '(\*5(( 5(48,5(0(176  
6XFFHVIXO FRPSOHWLRQ RI WKH FRX UXV\ V L Q H T X K L H H & B 6 6 O O Y  
-HZLVK 6WXGLHV UHTXLUHPHQW SOXN GMLV\ DFRGLUWLFRQ DQ ZLQVFX

\$/ / '\$ < / (\$51,1\* 352\*5\$0  
,Q <HVKLYD 8QLYHUVLW\ LQWUR G X F M K D W I X Q Q D E O H V O N D U X G L  
ZKR KDYH EHHQ DFFHSWHG LQWR <HVKLIY Q X R L Q H V J H V R R U V S H Q R V  
XS WR RQH \HDU OHDUQLQJ IXOO WLPSHEQ D V O K B I W H I V I Q L R Y D Q 3 D Q G U  
HYHQLQJ UHTXLUHPHQWV SULRU WR F B W P + H Q R I U Q 6 6 6 % H L U F R X U

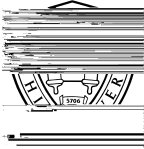
\$\$\$ 6(0, .+\$+ 352\*5\$0  
<HVKLYD 8QLYHUVLW\ DQG LWV DIILORJLW B O 5 B E P L Q D D D K Q O F  
D ORQJ DQG ULFR K W W W P D Q G D Q J D Q H V K W Y D F Z L K H L W K V K I L Y C H D Q  
WDOPLGLP ,Q N H H S L V Q J R Z L W L Q W K L V + W U W D Q Y D L Q D L X X U D W H G W  
%\$ 6HPLNKDK 3URJUDP 7KLV SURJUDP D B D I R Z K V G V X F G H W L V R Q  
RU WKH UDEELQDW H W I R X Q G U V X H D G X F D O K G O J U P I P H I Z K H G L Q  
WKH 7RUDK WKDW 28 K D W W I R R I X U V D I O P I L G I L P \ E D O O K W Y H W K  
DELOLW\ WR HDU Q H D E O G K U H O R E L G I F J O R W G S E A D N W D R Q D \ O H D U  
DQG HQMR\ h d a k a n L F X H U L F X O X P

<(6+,9\$ 0\$60, ',0 +21256 352\*5\$0

<HVKLYD 8QLYHUVLW\ SURXGO\ LQDXJX URDW H B G R W K H D R H V O K J D Y O O I  
7KH SURJUDP XQGHU WKH DHJLV D R O L Q F R I P G L Q Q W I W X I G V H Q I V M  
HDFK \HDU ZKR GHPRQVWUDWH S R a m h e d w c h d o i m W R H E V I F I R P H J H Q X L  
8QLYHUVLW\ ZLOO SURYLGH WKHVH P D V I X E L I G W W K B I L W K S R M K H Q R A S I S E  
WKURXJK D ULJRURXV OHDUQLQJ VFKH G D X P H Z B Q S R X W K L F X O X P  
XQLYHUVLW\ \ V X Q L T X H F R P P L W P H Q W W B H 7 R W H D K B P D C B E L 7 K H S  
0D\HU 7ZHUVN\ D a l i d H o o c h z o H Q C s h y e s h i v a S U R Y L G H V V L J Q L I L F D Q W  
VFKRODUVKLSV P h e a m o r U V K L S D Q G

\$33/, &\$7,21 352 & (66 \$1' (/ , \* , % , / , 7 <  
7KH SURJUDP LV RSHQ WR VWXGHQWV D K I R H K B V H 6 D 6 S P O L H G W R  
6FKRRO RI %XVLQHVV 7KH DGPLVLRQ V S 3 B R H V D P I Z U O C K H <H V  
LQFOXGH

- x \$Q DSSOLFDWLRQ
- x bechina IRFXVLQJ R e d i o s H Q S U H D Y L R X V O \ V W X G L H G V X J \ R V D Q G V  
SUHSDUH b u d y a Q H Z
- x ,QWHUYLHZV ZLWK WKH GLUHFWRU 5 W R K K H H D Q V R L 5 , D 7 6 D Q G
- x 7ZR OHWWHUV RI UHFRPPHQGDWLRQ



<HVKLYD 8QLYHUVLW\  
8QGHUJUDGXDWH &DWDORJ IRU 0HQ

---

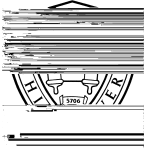
\$'0,66,216 7,0(/,1(  
7KH DSSOLFDWLRQ DQG OHWWHUV RI UHFRPPHQG DWLRSQIPXW  
WR WKH ~~Bekius~~ WZHUO EH DGPLQLVWHUHG LQ )HEUXDU RU HDUC  
DQG 1HZ <RUN DQG GHFLVLRQV ZLOO EHWDORXOXVHG LQ HDUO  
IRUPDOO\ DFFHSW LQ ZULWLQJ LQFOXGLQJ DZDIDG\ DRG PHDJLQ  
WKHLU VWXGLHV LQ WKH VSULQJ VPHVWHU

(;3(&7\$7,216 \$1' 5(63216,%/,7,(6  
6WXGHQWV ZLOO EH PHQWRUHG E\ 5DEKHO\$ZWMR\ZROG RWRKHU  
DFKLHYH WKHLU IXOO SRWHQWLDO LQ OHDUQLQJ

,Q DGGLWLRQ ZH KDYH LQFRUSRUDWMEILOWRRLXULSURUGBIB RV  
W ~~Heimus~~ ZH VHHN taRidmRXU

x Bekius H[SHFWDWLRQ RI D PLQLPXP RI





<HVKLYD 8QLYHUVLW\  
8QGHUJUDGXDWH &DWDORJ IRU 0HQ

---

7R DOORZ H[FHOOHQFH LQDOODVSHFVWF RHGWRG WDNH EHWZH  
DQG EDFKHORUUV FUHGLWV SHU VMKHHV SUHRJUDPEQHUFMFWRU  
6WXGHQWV PXVW UHPDLQ LQ WKH SURJUDGWRKDOORZDIBXUDQG  
\HUV IRU FROOHJH EHERQSRKHLU VWXGLHV LQ

\$GGLWLRQDO 3URJUDP %HQHILWV  
6FKRODUVKLSV UDQJLQJ IURP SDUWLDO WR IXOO WXLWLRQ