

&XUUL0X0DPH

/HR 0XQG\ 3K '

8QLYHUVLW\ RI 6RXWK \$ODEDPD  
'HSDUWPHQW RI 6RFLRORJ\ \$QWKURSRORJ\ DQG 6  
0RELOH \$ODEDPD  
PXQG\#VRXWKDODEDPD HGX

('8&\$7,21

3K ' 6RFLRORJ\ SOH 8QLYHUVLW\ 3KLODGHOSKLD 3\$  
0 \$ 6RFLRORJ\ 7HPSOH 8QLYHUVLW\ 3KLODGHOSKLD  
% 6 \$FFRXQWLQJ ,QGLDQD 8QLYHUVLW\ RI 3HQQV\OYD

352)(66,21\$/ 3pKL ,QF\pLW\€pL \$•RXQ ü 3HWL@J I\ \Q ü RpKL ,öLDPH  
/HDUQLQJ &RPPXQLW\ (QJDJHPHQW

7KH ,QWHUQDWLRQDO 6FKRRO IRU WKH +XPDQLWLHV DQG 6RFLD  
\$PVWHUGDP

7KH 1HWKHUODQGV 6XPPHU &HUWLILFDWH LQ 6H  
6RFLHW\

38%/,6+(' :25. 3HHU 5HYLHZHG

0XQG\ / 7KH 4XHVWLRQ RI 0HQ LQ /RYH \$ %HDXYRLU  
/RUHQWZHQ 1RUGLF -RXUQDO RI )HPLQLVW DQG \*HQQHU 5HV

0XQG\ / \$ %HQQHWW 7 / \$IWHUZRUG ,Q % - 5RELQ  
SS 9DOGRVWD \*\$ 6QDNH 1DWLRQ 3UHV

0XQG\ / \$ 0HQV +HWHURVH[XDO ,QLWLDWLRQ 6H[X  
LGRVW :RUOG :DU ,, \$PHULFDQ FXOWXUH 7KH -RXUQDO RI 0

)81>(' 5(6(\$5&+ :25. )XQG IRU 6RXWKHUQ &RPPXQLWLHV

7KH &RUH 9DOXH RI 'LJQLW\ :RUWK \$ 5H\$RWW 'RQ 6DPH 6H  
'RQQDGGHOODQG 'U .DWKOHHQ 'RODQ VXEPLWWHG WR 1RU  
8QLYHUVLW\ 3UHVLGHQW 'U 'DYLQ 3RWWHU

7(\$&+,1\*\$1'5(6(\$5&+,17(5(676

)HPLQLVW7KHRU\ 0HQ↑V6WXGLHV 6RFLDO3V\FKRORJ\ 6  
6WXG\$JH0J /LIH&RXUVH6WXGLHV

352)(66,21\$/ (;3(5,(1&(

SUHV8KQWHRJVLRWK\$ODEDPD \$VVLVWDQW3URIHVVURU  
'HSDUWPHQWRI6RFLRORJ\ \$QWKURSRORJ\ DQG6

&ROOHJHRI&RDVWDO\*HRUJLD \$VVLVWDQW3URIH  
)DFXOW\6RFLRORJ\ 3KLORVRSK\ &RPPXQLFDWLR  
RI6RFLDO6FLHQFHV %UXQVZLFN \*\$

8QLYHUVLW\RI1RUWK\*HRUJLD \$VVLVWDQW3URIH  
&R'LUHFWRUJGHU6WXGLHV 'HSDUWPHQWRI3V\FKR  
'DKORQHJD \*\$

8QLYHUVLW\RI\*HRUJLD \$IILOLDWHG)DFXOW\ )UD  
6FLHQFHV \$WKHQV \*\$

9LVLWLQJ\$VVLVWDQW3URIHVVURURI6RFLRORJ\ R  
\*HWW\&R00JH \*HWW\VE XUJ 3\$  
8QLYHUVLW\RI'HODZDUH 1HZDUN '(

&2856(67\$8\*+7

/RZHU /HYHO8QGHUJUDGXDWH&RXUVHV  
,QWURGXFWRWR6RFLRORJ\ 6RFLDO3UREOHPV 6RFLDO  
WTHQGHU6WXGLHV ,QWHUGLVFLSOLQDU\

8SSHU /HYHO8QGHUJUDGXDWH&RXUVHV  
\$GYDQFHG6RFLDO7KHRU\ \*HQGHU 6H[XDOLW\ 6RFLRORJ  
([LVWH6QFHDO&RQVWUXFWLRQRI6H[XDOLW\ 6RFLRORJ\RI  
0LOLWDU\6RFLRORJ\ 0DUULDJHDQG WKH)DPLO\ ([LVWHQV  
6RFLRORJ\RI\$JLQJ RIIOLQH RQOLQH 3HUVRQDOLW\ 6R  
\*OREDO3HUVSHFWLYHV RQ\*HQGHU 7KHRULHVRI0LQG (PF  
5HVHDFK \*HQGHU ,QHTXDOLW\ 6WDWLVLWLFDO5HVHDFK

\*UDGXDWH&RXUVHV  
5HVHDFK3URMHFWVLQ6RFLRORJ\ 'LUHFWRUJGHU6WXGLHV 6  
7HDFK\$SSJHQWLFH



36HULRXV YHUVXV 3DVVLRQDWH 0HQ )HPLQLVW (WK  
3DSHU SUHVHQWHG DW WKH \$QQXDO 0HHWLQJ RI WK  
RI WKH 6RXWK -DFNVRQYLOOH )ORULGD 6HSWHPE

3\$VVHV\$VWUWVXGHV RI 6DPH 6H[5HODWLRQVKLSV LC  
6RXWKHUQ 8QLYHUVLW\ ' 3DSHU SUHVHQWHG DW W  
\*HRUJLD 6RFLRORJLFDQ \$VVRFLDWLRQ ZLWK 'U .DV  
\*HRUJLD 1RYHPEHU

3\$PHULFDQ V &RQVFLRXVQHVV RI 0DVFXOLQLW\ ([W  
%HDXRYLU V (WKLFXV RI \$PELJXLW\ ' 3DSHU SUHVHQ  
RI WKH 3RSXODU &XOWXUDO \$VVRFLDWLRQ RI WKH 6  
2FWREHU

3&KULV W\XDO LW\ 5HOLJLRXV ,GHRORJ\ DQG 6H[XDO  
SUHVHQWHG DW WKH \$QQXDO 0HHWLQJ RI WKH \*HRU  
ZLWK 0V 0HORG\ &RWWHULO 6W 6LPRQV ,VODQG

30HQ V W HURVH[XDO ,QLWLDWLRQ 6H[XDO \$JHQF\D  
SRVW :RUOG :DU , , \$PHULFDQ FXOWXUH ' 3DSHU SU  
0HHWLQJ RI WKH \$PHULFDQ 6RFLRORJLFDQ \$VVRFLD  
3HQQV\OYDQLD \$XJXVW

37KH LDOHFWLF LQ 7KH 6HFRQG 6H[ 6LPRQH GH %H  
0HQ DQG 0DVFXOLQLW\ ' 3DSHU SUHVHQWHG DW WK  
&RQVRUWLXP V \$QQXDO :RPHQ V 6WXGLHV &RQIHU  
&DUOLVOH 3HQQV\OYDQLD 0DUFK

6KH &DPH 7R 6WD\ \$VVHVVLQJ 6LPRQH GH %HDXRYL  
3KLORV R \$RORJ\ DQG 0DVFXOLQLW\ V W X Q H ] H U Z L W K ' U ( C  
5LFKD V W R D Q G ' U -HQQLIHU / +DQVHQ &HQWUDO  
&RQVRUWLXP V \$QQXDO :RPHQ V 6WXGLHV &RQIHU  
&DUOLVOH 3HQQV\OYDQLD 0DUFK

30DNL Q V WRU\ 0DNLQJ 0HQ 7KH 3ODFH DQG 0HDQLC  
,GHQWLW\ ' 3DSHU SUHVHQWHG DW WKH \$QQXDO &R  
6RFLRORJLFDQ \$VVRFLDWLRQ &DOLIRUQLD 8QLYHU  
&DOLIRUQLD 3HQQV\OYDQLD 2FWREHU

\*HQGHU DQG 6H[XDO %HDXRYLU V W X Q H ] H U Z L W K ' U ( C  
0HHWLQJ RI WKH (DVWHUQ 6RFLRORJLFDQ 6RFLHW\ 3KL  
)HEUXDU\ 0DUFK

KH  
3D2H

30DVFXOLQLW\ ,QWHUUXSWHG 7KH \$GROHVFHQW 6  
W\$QXDO30BNFXOLQRUWKDWDVWHUQ †D06,üC0PÂÀ L C  
(Bö° \$FXODWLRQ H

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\$VVRFLD\*WBGXDWH)DFXOW\ 8QLYHUVLW\ RI 6RXWK \$ODEDP  
,QVWUXFWURHFWHG 6WXG\ 6< \*HQQGHU 6H[XDOLW\ 0V  
)DOO  
\$GYLVRUJDFXOW\ \$GYLVRU 7KH 4XLGGLWFK 6SRUWLQJ &OXE  
0HPEHU 'HSDUWPHQWDO \$VVHVVPHQW &RPPLWWHH  
0HPEHU 0DVWHU\ V 7KHVLV &RPPLWWHH &RPPXQLFDWLRQV  
'HIHQGHG \$SSURYHG 6XPPHU  
,QVWUXFWURHFWHG 6WXG\ 6< 6RFLDO 7KHURU\ \*HQQGHU  
\*RGZLQ 6XPPHU

8QLYHUVLW\ 6\ VWHP RI \*HRUJLD 6HUylfH

&KDLU 8QLYHUVLW\ VWHP RI \*HRUJLD 86\* %RDUG RI 5HJHQWV \$  
&RPPLWWHH RQ 6RFLRORJ\ \$QWKURSRORJ\ DQG 6R  
0HPEHU 8QLYHUVLW\ 6\ VWHP RI \*HRUJLD 86\* %RDUG RI 5HJ  
&RPPLWWHH RQ 6RFLRORJ\ \$QWKURSRORJ\ DQG 6R  
6WXGHQW 86\* )DFLOLWDWLQJ /HDUQLQJ 2QOLQH )/2 &RXUVH

&ROOHJH RI &RDVWDO \*HRUJLD 6HUylfH

0HPEHU ,QVWLWXW\ DRQDO 3ODQQLQJ 'LYHUVLW\ &ROOHJL  
&RPPLWWHH  
0HPEHU 6HDUFK &RPPLWWHH \$VVLVWDQW 3URIHVVURU RI 3V  
0HPEHU 6HDUFK &RPPLWWHH \$VVLVWDQW 3URIHVVURU RI 3V  
0HPEHU 6\$&6 4(3 6WHHULQJ 3ODQQLQJ &RPPLWWHH  
&KDLU 6\$&6 4(3 ,PSOHPHQWDWLRQ 6XE &RPPLWWHH IRU 6R

0HPEHU 6HDUFK &RPPLWWHH \$VVLVWDQW 3URIHVVURU RI 3V  
\$VN 'U / 6WXGHQW 1HZVSDSHU \$GYLFH &ROXPQ  
0HPEHU )DFXOW\ \$SSHDOV &RPPLWWHH  
6HFUHW 50% ,QVWLWXWLRQDO 5HYLHZ %RDUG  
&RPSOHWHG &ROODERUDWLYH ,QVWLWXWLRQDO 7  
:ULWHU &XUULFXVXU RSPHQW IRU % 6 LQ 3V\FKRORJ\ SURJU  
&RXUVH 'HYHORSPHQW 6RFLRORJ\ RI \*HQQGHU 6R  
6RFLDO ([LVWHQFH DQG 6RFLDO 6WUDWLILFDWLR  
0HPEHU )RXQG DRWLFH &ROOHQFH 'LYHUVLW\ &RPPLWWHH  
&KDLU 6HDUFK &RPPLWWHH \$VVLVWDQW 3URIHVVURU RI +L  
&KDLU 6HDUFK &RPPLWWHH 'LUHFWURU RI 6HUylfH /HDUQL  
-XGJH 6HDVZHOOV 6WXGHQW 3RHWU\ &RPSHWLWLRQ  
/HDG :ULW 6\$&6 4(3 7RSLF 3URSRVDO IRU 6HUylfH /HDUQLQJ

8QLYHUVLW\ RI 1RUWK \*HRUJLD 6HUylfH

&KDLU 8QLYHUVLW\ &RPPLWWHH RQ &RPPLWWHHV



