

.ULVWLQ %RYDLUG \$EER  
8QLYHUVLW\ RI 1RUWKHUQ &RORUDGR  
&ROOHJH RI +XPDQLWLHV DQG 6RFLDO 6FLHQFHV

(PDL<sub>O</sub>LVWLQ %RYDLUG\$EER#XQFR HGX  
3HUVRQDO KHEWSWH FRORUDGRPHGLHYDOLVW ZRUGSUHV

(GXFDWLRQ

3K' 8QLYHUVLW\ RI .DQVDV  
\$UHD RI 6WXG\ (QJOLVK /DQJXDJH DQG /LWHUDWXUH

3URIHVVLRQDO \$FDGHPLF ([SHULHQFH

\$VVRFLDWH 3URIHVVRU 8QLYHUVLW\ RI 1RUWKHUQ &RORUDGR

\$VVLVWDQW 3URIHVVRU 8QLYHUVLW\ RI 1RUWKHUQ &RORUDGR

/HFWXUHU 8QLYHUVLW\ RI .DQVDV

\*UDGXDWH 7HDFKLQJ \$VVLVWDQW 8QLYHUVLW\ RI .DQVDV

5(6(\$5&+ 6&+2/\$56+,3 \$1' &5(\$7,9( :25.6

3XEOLFDWLRQV

-XULHG

-RXUQDO \$UWLFOH

%RYDLUG \$EER . 5HGHPLQJ :DVWHODQGV %XLOGLQJ  
(QJOLVK \*XW6KOD,QW\$HUGLVFLSOLQDU\ 6WXGLHV LQ /LWHUDW  
± KWWSV GRL RUJ LVOH LV[

%RYDLUG \$EER . 5RELQ +RRG \$V :ROI )HDVW RU )DPLQH ,Q  
+RGH KH %XOOHWLQ RI ,QWHUQDWLRQDO \$VVRFLDWRQ IRU

%RYDLUG \$EER . 5HLUGLW RQ DQH ULFKH URFKH EHVL  
/DQGVFD SH DQG -DPHV ,9 RI 6FRWODQG LQ 7KH .QLJKWO\ 7  
1HRSKLORJXV '2, V

%RYDLUG \$EER . ,V \*HRIIUH\ &KDXFHU V 7DOH RI 6LU 7  
5HDGLQJ 7KRSDV LQ OLJKW RI W4XHGGLW\WXWHV RI 5DSH

%RYDLUG \$EER . 6LUH 1RQQHV 3UHHVW\ 25HDGLQJ /DQI  
7KH 1XQ\ V 3UL&(\$W&U/LW\QH

%RYDLUG \$EER . 7RXJK 7DON RU 7RXJK /RYH /\QHW DC  
)HPLQLQH ,GHQWLW\ LQ 7KRPDV 0\$LOVRIUXPLDQD H RI 6LU \*DU

%RYDLUG \$EER . \$OLVRQ V \$QWLWKH\QH\QH\QD H 0DUU  
)HPLQLVW )RUXP

%RYDLUG \$EER . KH LV FRP RI IXOO QREOH EORRGH\

D Q G \* D Z D L Q L Q 7 K R P D V 0 D O R Q D P U D W W W H ' D U W K X U

% R Y D L U G \$ E E R .  
7 D O H Q D U U D W L R

/ D Q F H O R W 5 H E R U Q 7 K H 6 T X L U H ¶ V : D

% R R N & K D S W H U

% R Y D L U G \$ E E R . + D U W V + R X Q G V + X P D Q V + X Q W L Q J L Q \$ / V  
0 L N H H ' H O R Q \ 3 H U U \ 1 H D Z U 5 H D Q Q J Q R I 0 H G L H Y D O 5 R E L Q + R  
5 K \ P H V \ H Z < R U N 5 R X W O H G J H

% R Y D L U G \$ E E R . , Q W K H 6 K D G R Z R I % D O G H U % U H D N L C  
\$ P H U L F D Q \* R G V , Q - R V H S K 0 L R & K D L H Q L F D R P , Q U V J K W V 1 H L O \*  
S S , S V Z L F K 0 D V V D F K X V H W W V \* U H \ + R X V H 3 X E O L V K

% R Y D L U G \$ E E R . : H E H R è X Q G H U X R W H ( F R I H P L Q L V P L Q / D  
R I 6 F R W O D Q G , Q + H O L H G H L H W M D O V ( F R G S U P L W M L H F U L Q B P \$ P V W H U G D P  
8 Q L Y H U V L W \ 3 U H V V

% R Y D L U G \$ E E R . 1 H J O H F W H G \ H W 1 R E O H 1 \ Q H Y H D Q G  
0 D O R U \ ¶ V / H 0 R U W H ' D U W K X U , Q K / H R W H P O D O & H P B E R O L Q Q Q G H U  
) D Q W D S \$ 0 F ) D U O D Q G

1 R Q M X U L H G

- R X U Q D O \$ U W L F O H

% R Y D L U G \$ E E R . / D F K U \ P R V H / D G L H V D Q G \$ U W K X U ¶ V . L Q J V K

% R Y D L U G \$ E E R . 0 D O R U \ V 3 D O R P \ G H V 3 U L Q F H V 3 H W R U . Q

% R R N

% R Y D L U G \$ E E R 5 H Y L H Z I R U W K H \* H Q W U \ L Q / D W H 0 L G G O H ( Q J O L V

% R R N 5 H Y L H Z

% R Y D L U G \$ E E R 5 H Y L H Z R I - L O O 0 + H E H U W 0 R U J D Q O H ) D \ 6 K  
\$ U W K X U L D Q D Q G & R S X S U W Q S \ & X I O H W H B V H Y D O 5 H Y L H Z

% R Y D L U G \$ E E R / R F D W L Q J W K H 0 L G G O H \$ J H V 7 K H 6 S D F H V D Q G  
& X O W X U H H G L W H G E \ - X O L D Q S S H L 2 Q O D Q G 6 D H D K H Y D D Q Q \ 6 S H

% R Y D L U G \$ E E R & K D X F H U V 9 L V L R Q V R I 0 D Q K R R G V W E H G R O O \ \$ 8  
Y R O 0 H G L H Y D O ) H P L Q L V W ) R U X P

% R Y D L U G \$ E E R & U D I W L Q J W K H : L W F K \* H Q G H U L Q J 0 D J L F L Q 0 H  
O R G H U Q ( Q J O D Q G E \ Q H G L G % W I R X H U S S 0 H G L H Y D O ) R U X P

% R Y D L U G \$ E E R . L Q J \$ U W K X U ¶ V ( Q F K D Q W U H V V H V 0 R U J D Q D Q G  
\$ U W K X U L D Q 7 U D G L W L R Q E \ Q & D H Q O \ Q R O / D U U I S S J W R Q 0 H G  
) H P L Q L V W ) R U X P

3 U R I H V V L R Q D O 3 U H V H Q W D W L R Q V

, QYLWHG

-XULHG

% RYDLUG \$EER . QG , QWHUQDWLRQDO & RQJUHVV RQ OHGL  
7KRPDV 0DORU\ V /\RQHVH DQG WKH 3DVWRQ /HWWHUV :  
.DODPD]RR 0LFKLJDQ 0D\

1RQ MXULHG

% RYDLUG \$EER . 7KH & DUWRJUDSKLF , PSXOVH 5XWJHUV 8Q  
OHGLHYDO :RUOGYLHZV' 6HSWHPEHU

% RYDLUG \$EER . )DOO +RQRUV & ROORTXLXP 6HULHV 8Q  
)URP 6ROGLHU WR 6ZLQH 7KRPDV 0DORU\ V \*DUHWK DQG V  
%HVWLDO]DWLRQ RI .QLJKWKRRG 2FWREHU

% RYDLUG \$EER . 7KH & DUWRJUDSKLF , PSXOVH 5XWJHUV 8Q  
OHGLHYDO :RUOGYLHZV 6HSWHPEHU

% RYDLUG \$EER . /LIH RI WKH 0LQG +HUR RU +RUURU" 7  
-RVV :KHGRQ\PV )LUHIO\ 8QLYHUVLW\ RI 1RUWKHUQ & RORU  
6HSWHPEHU

% RYDLUG \$EER . +RQRUV :HVWHUQ & LYLOL]DWLRQ , 5DGLF  
& KDXFHU\PV :LIH RI %DWK 8QLYHUVLW\ RI .DQVDV 1RYHPE

1RW , QYLWHG

-XULHG

% RYDLUG \$EER . 0HGLHYDO %RUGHUV DQG )URQWLHUV 7K  
WKH 0HGLHYDO \$VVRFLDWLRQ RI WKH 0LGZHVVW )URP & KU  
0DQ WR %R\ 6LU \*DZDLQ LQ 7KH \$OOLWHUDWLYH 0RUWH \$U  
WKH 0LGZHVVW /DZUHQFH .DQVDV 2FWREHU

% RYDLUG \$EER . ;;9WK FRQJUHVV RI WKH , QWHUQDWLRQDO  
6LHJH 7KRPDV 0DORU\ V /\RQHVH , QWHUQDWLRQDO \$UW  
\*HUPDQ\ -XO\

1RQ MXULHG

% RYDLUG \$EER . 5RPDQFH LQ 0HGLHYDO %ULWDLQ & RQIHUH  
0DORU\ V /H 0RUWH 'DUWKXU 9DQFRXYHU & DQDGD \$XJXV

% RYDLUG \$EER . UG , QWHUQDWLRQDO 0HGLHYDO & RQJUHVV  
)DPLQH LQ \$ /\WHO \*HVWH RI 5RE\Q +RGH" /HHGV (QJOD

% RYDLUG \$EER . VW , QWHUQDWLRQDO & RQJUHVV RQ OHGL  
WKH SROOH , QWHUSUHWLQJ WKH 7RDGV RI 7KH \$ZQW\UV F

% RYDLUG \$EER . VW , QWHUQDWLRQDO & RQJUHVV RQ OHGL  
WKXUJK XFK D VWUHW :DWHU , PDJHU\ LQ 3HDUO .DODP

% RYDLUG \$EER . 0HGLHYDO \$VVRFLDWLRQ RI 7KH 0LGZHVV

LQ .LQJ +RUQ &ROOHJHYLOOH 0LQQHVRWD 2FWREHU

%RYDLUG \$EER . WK %LHQQLDO FRQIHUHQFH RI WKH ,QWH  
+RRG 6WXGLHV +DUWV +RXQGV +XPDQV +XQWLQJ LQ WK  
%DOODGV +LJK 0HOWRQ 8QLWHG .LQJGRP -XO\

%RYDLUG \$EER . WK ,QWHUQDWLRQDO &RQJUHVV RQ 0HGL  
6ZLQH 7KRPDV 0DORU\ V \*DUHWK DQG WKH )LIWHHQWK &HG  
.QLJKWKRRG .DODPD]RR 0LFKLJDQ 0D\

%RYDLUG \$EER . 5RFN\ 0RXQWDLQ 0HGLHYDO DQG 5HQDLVV  
&KDXFHUV 7DOH RI 6LU 7KRSVD D 5DSH 1DUUDWLYH" 5HDGI  
6WDWXWHV RI 5DSH 'HQYHU &RORUDGR -XQH

%RYDLUG \$EER . WK ,QWHUQDWLRQDO &RQJUHVV RQ 0HGL  
RU +RZ WR 7DON WR WKH /DGLHV LQ 7KRPDV 0DORU\ \V /H 0  
0LFKLJDQ 0D\

%RYDLUG \$EER . \$QQXDO &RQIHUHQFH RI WKH 0HGLHYD  
7KRPDV 0DORU\ \V 1HJOHFWHG 1\QHYH \$ +HUR LQ 'LVJXLVH  
6HSWHPEHU

%RYDLUG \$EER . WK ,QWHUQDWLRQDO &RQJUHVV RQ 0HGL  
XRWHT (FRIHPLQLVP LQ /D\ DPRQ\ \V %UXW DQG WKH :RPHQ  
0LFKLJDQ 0D\

%RYDLUG \$EER . \$VVRFLDWLRQ IRU WKH 6WXG\ RI /LWHUDW  
%LHQQLDO &RQIHUHQFH &KDQJLQJ 1DWXUH 0LJUDWLRQV  
:DVWHODQG :DUGHQ /DZUHQFH .DQVDV 0D\

%RYDLUG \$EER . ;;;9,, \$QQXDO 0LG \$PHULFDQ 0HGLHYDO \$V  
ZHRST /DFKU\PRVH /DGLHV LQ /D\ DPRQ\ \V %UXW .DQVDV &

%RYDLUG \$EER . WK \$QQXDO 500/\$ &RQYHQWLRQ 6W \*XW  
:DUULRU %RXOGHU &RORUDGR 2FWREHU

%RYDLUG \$EER . WK \$QQXDO &RQIHUHQFH RI WKH 0HGLHY  
5HLUGLW RQ DQH ULFKH URFKH EHVLGH DQH ULYHLU 0DU  
RI \*RODJURV DQG \*DZDQH &LQFLQQDWL 2KLR 6HSWHPEH

%RYDLUG \$EER . WK ,QWHUQDWLRQDO &RQJUHVV RQ 0HGL  
LQ WKH \$OOLWHUDWLYH 0RUWH \$UWKXUH .DODPD]RR 0LF

%RYDLUG \$EER . ;;;9, \$QQXDO 0LG \$PHULFDQ 0HGLHYDO \$V  
3DORP\GHV 3ULQFHV 3HW RU .QLJKWO\ 3HHU" 0DQKDWW

%RYDLUG \$EER . ;,,,UG 7ULHQQLDO &RQJUHVV RI WKH ,QWH  
&ORQLQJ \*DZDLQ LQ WKH 0LGGOH (QJOLVK /\EHDXV 'HVFRQ

%RYDLUG \$EER . WK ,QWHUQDWLRQDO &RQJUHVV RQ 0HGL

% RYDLUG \$EER . WK , QWHUQDWLRQDO & RQJUHVV RQ OHGL  
, PDJH \*DZDLQ\ V 3DWHUQLW\ LQ <ZDLQ DQG \*DZDLQ . DO

% RYDLUG \$EER . \$QQXDO & RQIUHQFH RI WKH 0LG \$PHULFD  
\*HQHULF \*DZDLQ DQG WKH 0LGGOH (QJOLVK 6LU 3HUFHYDO  
OLVVRXUL )HEUXDU\

% RYDLUG \$EER . UG , QWHUQDWLRQDO & RQJUHVV RQ OHGL  
& KDXFHU\ V :LIH RI %DWK DV 'DPH 5DJQHOO . DODPD]RR OI

% RYDLUG \$EER . QG , QWHUQDWLRQDO & RQJUHVV RQ OHGL  
1XWVKHOO \$FWLQJ 2XW :DOGHUH WR 8QGHUVWDQG \$QJOR  
OLFKLJDQ 0D\

% RYDLUG \$EER . 0DULH GH )UDQFH\ V 9LQGLFWLYH 4XHHQ  
\$TXLWDLQH 0RGHUQ /DQJXDJHV \$VVRFLDWLRQ :DVKLQJWF

% RYDLUG \$EER . WK , QWHUQDWLRQDO & RQJUHVV RQ OHGL  
\*XDUGLDQ RI +HRURW\ V 6RYHUHLJQW\ . DODPD]RR OLFKLJ

% RYDLUG \$EER . ;;; \$QQXDO 0LG \$PHULFD 0HGLHYDO \$VVR  
\$UWKXU LQ 7KH 'UHDP RI 5KRQDEZ\ . DQVDV & LW\ 0LVVRXU

% RYDLUG \$EER . )RXUWHHQWK , QWHUQDWLRQDO & RQJUHVV  
:HDULQJ <RXU +HDUW RQ <RXU 6OHHYH \*HQGHU DQG WKH  
& DQWHUEXU\ 7DOHV \*ODVJRZ 6FRWODQG -XO\

% RYDLUG \$EER . 1RUWKHUQ 3ODLQV & RQIUHQFH RQ (DUOL  
0DWWHU 0DUULDJH DQG 0DVWHU\ LQ 7KH )UDQNOLQ\ V 7DO  
\$SULO

% RYDLUG \$EER . ;;9,,, \$QQXDO 0LG \$PHULFD 0HGLHYDO \$VVR  
& UHDWHG (TXDO & RQIOOLFWLQJ 0DVFVOLQLWLHV LQ 6LU \*DZ  
& ROXPELD 0LVVRXUL )HEUXDU\

\* 5\$176

)XQGHG

% RYDLUG \$EER . 3URYRVW \$ZDUG IRU 7UDYHO WR WKH 7HQWK %  
1DWXUH 0LJUDWLRQV (QHUJLHV /LPLWV WR SUHVHQW 6W \*X  
6SRQVRUHG E\ 8QLYHUVLW\ RI 1RUWKHUQ & RORUDGR 8QLYHUVL

% RYDLUG \$EER . 3URYRVW 7UDYHO \$ZDUG IRU 7UDYHO WR WKH  
0HGLHYDO 6WXGLHV WR SUHVHQW ³µ:H EHRè XQGHU XRWHT (FR  
:RPHQ RI 6FRWODQG' 6SRQVRUHG E\ 8QLYHUVLW\ RI 1RUWKHU  
& RORUDGR

% RYDLUG \$EER . 81& 6XPPHU 6XSSRUW , QLWLDWLYH WR SXUFKD  
ERRN SURMHFW \$ \*DZDLQ IRU WKH \*HQWU\ LQ /DWH 0LGGOH (QJ  
8QLYHUVLW\ RI 1RUWKHUQ & RORUDGR 8QLYHUVLW\ RI 1RUWKHU  
2FWREHU

% RYDLUG \$EER . 3URYRVW \$ZDUG IRU 7UDYHO WR ;,,,UG 7ULHQ  
\$UWKXULDQ 6RFLHW\ WR SUHVHQW &ORQLQJ \*DZDLQ LQ WKH 0L  
6SRQVRUHG E\ 8QLYHUVLW\ RI 1RUWKHUQ &RORUDGR 8QLYHUVL

% RYDLUG \$EER . 81& 6XPPHU 6XSSRUW ,QLWLDWLYH WR SXUFKD  
ERRN SURMHFW \$ \*DZDLQ IRU WKH \*HQWU\ LQ /DWH 0LGGOH (QJ  
8QLYHUVLW\ RI 1RUWKHUQ &RORUDGR 8QLYHUVLW\ RI 1RUWKHU  
2FWREHU

% RYDLUG \$EER . =DUHO DQG 5XWK 6SHDUV 6FKRODUVKLS IRU 'L  
8QLYHUVLW\ RI .DQVDV

% RYDLUG \$EER . :LOOLDP \$OEUFK 0HPRULDO 6FKRODUVKLS I  
E\ 8QLYHUVLW\ RI .DQVDV

7(\$&+,1\*

7HDFKLQJ ([SHULHQFH

8QLYHUVLW\ RI 1RUWKHUQ &RORUDGR

&RXUVHV 7DXJKW

(1*	&ROOHJH 5HVHDUFK 3DSHU	FRXUVH	FUHGLW KRXU\
(1*	,QWURGXFWLRQ WR WKH 'LVFLSOLQH RI (QJOLVK	FRXUVH	FUHGLW
(1*	6XUYH\ RI %ULWLVK /LWHUDWXUH ,	FRXUVHV	FUHGLW
(1*	,QWURGXFWLRQ WR /LQJXLVWLKV	FRXUVH	FUHGLW
(1*	&RPPXQLFDWLRQV RQ D 7KHPH	FRXUVHV	FUHGLW
(1*	0DVWHUSLHFHV RI :RUOG /LWHUDWXUH	FRXUVH	FUHGLW
(1*	7UDGLWLRQDO DQG 0RGHUQ *UDPPDUV	FRXUVH	FUHGLW
(1*	+LVWRU\ RI WKH (QJOLVK /DQJXDJDH	FRXUVHV	FUHGLW

( 1 \* \* HQUH 6WXG\ 'UDPD FRXUVH FUHGLW KRXUV  
( 1 \* 'LUHFWHG 6WXGLHV FRXUVHV FUHGLW KRXUV  
( 1 \* 2OG (QJOLVK FRXUVHV FUHGLW KRXUV  
( 1 \* 0LGGOH (QJOLVK FRXUVHV FUHGLW KRXUV  
( 1 \* 0\$ RU &UHDWLHYH 3URMHFW FRXUVHV FUHGLW KRXUV  
(167 /LHUDWXUH DQG WKH (QYLURQPHQW FRXUVH FU  
+21 +RQRUV &RQQHFWLRQV 6HPLQDU ,, FRXUVH FUHGL  
+21 -XQLRU +RQRUV 6HPLQDU FRXUVH FUHGLW KRXUV  
+80 3RSXODU 0HGLHYDOLVPV FRXUVHV FUHGLW KRXUV  
+80 ,PDJHV RI :RPHQ LQ /LHUDWXUH DQG WKH \$UWV FRXUV  
0,1' ,QWURGXFWLRQ WR /LIH RI WKH 0LQG FRXUVH FU  
0,1' &RQWHPSRUDU\ \$UWV &RQQHFWLRQV FRXUVHV FU  
7(6/ ,QWURGXFWLRQ WR /LQJXLVWLFV IRU (6/ /( (GXFDWRUV  
'LUHFWHG 6WXGHQW /HDUQLQJ

\$GYLVHG 6DUDK 9RJHO  
0DVWHU V 7KHVLV &RPPLWWHH 0HPEHU  
\$GYLVHG &DPHURQ 0DUNZD\  
0DVWHU V 7KHVLV &RPPLWWHH 0HPEHU  
\$GYLVHG (WKDQ 6WHSKHZVRQ  
0DVWHU V 7KHVLV &RPPLWWHH &KDLU  
\$GYLVHG &DVH\ :\QKRII  
0DVWHU V 7KHVLV &RPPLWWHH 0HPEHU  
\$GYLVHG /RUUDLQH +DUULV  
0DVWHU V 7KHVLV &RPPLWWHH 0HPEHU  
\$GYLVHG %HQMDPLQ - +DUOH\  
0DVWHU V 7KHVLV &RPPLWWHH 0HPEHU  
\$GYLVHG 5HQHH 0DFH\  
0DVWHU V 7KHVLV &RPPLWWHH 0HPEHU  
\$GYLVHG (OL]DEHWK /H )HEUH  
8QGHUJUDGXDWH +RQRUV 7KHVLV  
\$GYLVHG .HOOL -RKQVRQ  
8QGHUJUDGXDWH +RQRUV 7KHVLV  
\$GYLVHG &RXUWQH\ \*ULIIH\  
0DVWHU V 7KHVLV &RPPLWWHH &KDLU  
\$GYLVHG 0LFKRQH 'XII\  
8QGHUJUDGXDWH +RQRUV 7KHVLV  
\$GYLVHG \$PDQGD \*UDVVHOOR  
0DVWHU V 7KHVLV &RPPLWWHH 0HPEHU  
\$GYLVHG 'DYLG (DUQKDUW  
0DVWHU V 7KHVLV &RPPLWWHH 0HPEHU  
\$GYLVHG 7LPRWK\ )RUDQ  
0DVWHU V 7KHVLV &RPPLWWHH 0HPEHU  
\$GYLVHG 'DQLHO /HVNR

6(59,&(

8QLYHUVLW\ 6HUYL FH

&RPPLWWHH 0HPEHU +66 &XUULFXOXP &RPPLWWHH 3UHVHQ  
&RPPLWWHH 0HPEHU /LEHUDO \$UWV &RUH &XUULFXOXP &RPPLWWH  
)DFXOW\ 0HQWRU 8QLYHUVLW\ +RQRUV 3URJUDP 3UHVHQW  
&RPPLWWHH 0HPEHU )DFXOW\ 6HQDWL

)DFXOW\ OHQWRU OF1DLU 6FKRODU 3URJUDP

)DFXOW\ OHQWRU OF1DLU 6FKRODU 3URJUDP

## 'HSDUWPHQW 6HUYL FH

)DFXOW\ \$GYLVRU 6LJPD 7DX 'HOWD (QJOLVK +RQRU 6RFLHW\ \$  
&RPPLWWHH OHPEHU \*UDGXDWH &RPPLWWHH 3UHVHQW  
&RPPLWWHH OHPEHU (1\* &XUULFXOXP &RPPLWWHH  
&RPPLWWHH OHPEHU \$GYLVRU\ &RPPLWWHH  
&R 'LUHFWRU ,QWHUQVKLS 3URJUDP  
&RPPLWWHH OHPEHU (QJOLVK (GXFDWLRQ &RPPLWWHH  
&RPPLWWHH OHPEHU (1\* &XUULFXOXP &RPPLWWHH  
&RPPLWWHH OHPEHU (QJOLVK (GXFDWLRQ 6HDUFK &RPPLWWHH  
&RPPLWWHH OHPEHU \*UDGXDWH &RPPLWWHH  
&RPPLWWHH OHPEHU 6LJPD 7DX \$GYLVRU\ &RPPLWWHH  
&RPPLWWHH OHPEHU )LOP 6WXGLHV &RPPLWWHH  
&RPPLWWHH OHPEHU 5RPDQWLF 3HULRG 6HDUFK &RPPLWWHH

## 3URIHVVLRQDO 6HUYL FH

(GLWRU -RXUQDO (GLWRU OHGLHYDO \$VVRFLDWLRQ RI WKH OLGZH  
\$:\$5'6 \$1' +21256

/HDGHUVKLS

1RPLQDWG IRU 5HJLRQDO :LQQHU 1RYHPEHU 1\$&85+, QVWLWXW  
1RYHPEHU

2WKHU

\$OOHQ 'X3RQW %UHFN \$ZDUG 5RFN\ 0RXQWDLQ OHGLHYDO 5HQDL  
)LUVW <HDU 6FKRODUV 2XWVWDQGLQJ )DFXOW\ 8QLYHUVLW\ RI 1R  
)LUVW <HDU 6FKRODUV 2XWVWDQGLQJ )DFXOW\ 8QLYHUVLW\ RI 1R  
.HQQHWK 5RFNZHOO \$ZDUG IRU ([FHOHQFH LQ 6FKRODUVKLS 8QL

7HDFKLQJ

7HDFKLQJ 5HFRJQLWLRQ \$ZDUG 0RUWDU %RDUG 1DWLRQDO &ROOH

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5RFN\ ORXQWDLQ OHGLHYDO 5HQDLVVDQFH \$VVRFLDWLRQ 3  
\$VVRFLDWLRQ IRU WKH 6WXG\ RI /LWHUDWXUH DQG (QYLURQPHQW  
,QWHUQDWLRQDO \$UWKXULDQ 6RFLHW\ 1RUWK \$PHULFDQ %UDQFK  
6RFLHW\ IRU OHGLHYDO )HPLQLVW 6FKRODUVKLS 3UHVHQW  
OHGLHYDO \$VVRFLDWLRQ RI WKH 0LGZHVW 3UHVHQW  
0LG \$PHULFD OHGLHYDO \$VVRFLDWLRQ 3UHVHQW  
1HZ &KDXFHU 6RFLHW\ 3UHVHQW