

6\$1 - 26( 67\$7( 81,9(56,7<

(QJLQHHULQJ  
\$FDGHPLF 6HQDWH

S P ± S P

\$FDGHPLF 6HQDWH

0,187(6  
)HEUXDU\

, 7KH PHHWLQJ ZDV FDOOHG WR RUGHU DW S P DQG  
\$GPLQLVWUDWRU )RUW\ 6L[ 6HQDWRUV ZHUh SUHVHQu

([ 2IILFLR & \$6\$ 5HSUHVHQWDWLHYHV  
3UHVHQW Td [<000302T07-5003

('8& 5HSUHVHQWDWLHYHV  
'HDQV 3UHVHQW /DNHU 0DWKXU  
3UHVHQW 6WDFNV -DFR\$EVH6QWXWIRQH  
\*UHHQ

(1\*5 5HSUHVHQWDWLHYHV  
fUHVHQW0GHNHS  
\$OXPQL 5HSUHVHQWDWLHYH 0LOOHU .KDQ 2UPVEHH  
3UHVHQW :DOWHUV \$EVHQW 5LOH\br/>\$EVHQW 1RQH

6&, 5HSUHVHQWDWLHYHV  
(PHULWXV 5HSUHVHQWDWLYH 3UHVHQW :KLWH &DUJLOO %RHNHPD .D  
D0 pD001R

+RQRUDU\ 5HSUHVHQWDWLHYH  
3UHVHQWWRZ +XUOH\

\*HQHUDO 8QLW 5HSUHVHQWDWLHYHV  
3UHVHQWWRZ +LJJLQV 7URXVGDOH  
.DXSSLOD

,, \$SSURYDO RI \$FDGHPLF 6HQDWH 0LQXWHV±  
7KH PLQXWHV RI 'HFH PDES\$WRYHG DZHJUWLWWHQ

,, &RPPXQLFDWLRLQV DQG 4XHVWLRLQV ±  
\$ )URP WKH &KDLU RI WKH 6HQDWH<sup>2</sup>  
&KDLU .LPEDURZ DQQRXQFHG WKDW 16HQDDOMLRW\ 6DIE  
)DFXOW\ 7UXVWHIG VRHI D7W XR/QW WHKWH %7BKDUX QHDQNDHGH 6FRQ  
6DEDOLXV

&KDLU .LPEDURZ W&KDOQINH Q QMGK 6HQSDFWH \$GPLQLVWU  
ZRUN RQ WKH 6HQDWH 5HWUHDW RQ -DQXDUI







7KH &'2 KDV MXVW ILQLVKHG PHHWQWQD WLWK DFKUH  
DOO WKUHH SODWIRUPV RI VWXGHQW

H[LVWLQJ ODFWDWLRQ UHVRXUFHHSRQH ISIRLOHVFLBHQG  
QRQH H[LVW

7KH \$6&68 SDVVHGQD RUSH\RR\Q XWWBRQW RR IRXU QHZ 6H  
(GXFDWLRQ

7KH \$6&68 JDYH DGYUHWIDW\ LVQKHL \W\&8W\HICRXUFH G H G  
6-68 KDV RQH RI W\K\H\Q\R UWWLQH\K\H &68 V\VVWHP

7KH 6HQDWY L J\KUHR\\$V\RS RGVHEO\ WW\HICW\RRQQ\ ILQH\U\W  
E\ WKH %RDUG RIRU\&\V\MDHOHLVX V6\H\QMDX\DOO\ SURSRV  
HOLPLQDWY WLWLRQ

7KHUH ZDV D SUHVLHFQIW&D\Q\QFQI\O\ RNUKDHEI\QXW DZ\K D\VR X  
ZH FDQ GR DQG FDQQRW GR WR SURWHFW IUHH V

7KH \$6&68 VSHQW D ORW RI WLPH RQD\$6DQHMPLF )  
SROLF\ 7KH LVVXH DW KDQG VHH\H\Q\HMP\B FE\H\Q\B\W\W  
DV DQ H\W\H\Q\DO\Q\G\W\WR\Z\W\K\H\U\&6\Q\B\W\K\W\O\W\K\Z\N\G  
XQGHUWKH F\RLQ\Q\H\Q\J\W\J\H\H\B\B\B\H\Q\W

7KLQJV WR ORRN IRU LQ WKH IX\W\XH\PHS DQ\RF\H\Q\W D  
VHFUXULW\ IRU OHFWXUHUV LQ WKH &68

7KHUH LV DOV\W\Z\H\Q\W\H\PH\Q\W\W\K\W\G\H\W\ LQ JW\K IS DD  
RI % DV HYLGHQFH\ RU HSTD\W\W\H\Q\J\W\H DZ\K\H\ \$D\&0618WL  
FRQFHUQHG WK\W\W\Q\J\LMU\Q\B\DR\SD\W\K\H\T\J\W\G\H\Q\GI\R

P F\ \_P 0 C

DFWLWLVH

3URYRVW )HLQVWHLQ DQG ~~3URYRVW~~ %WZRJU/RWID Q/SIHQWZD  
3URYRVWV DQG 93LURID6EARXXQH QWZ\$\$FDDGHPLF \$IIDL  
\$IIDLUV FDQ ZRUN WRJHWKHU PRUH HIIHFYLHO\

7KH 3URYRVW DQG 93 RI 6WXGHQW, \$WBIULGV YZL\OLR  
&RPSHWLWLRQ WKLV \HDURQ )HEXDU\ 7K  
JDPH 7KHUH ZLOO EH IRRG DQG \$UH JDPH DFWL

( 9LFH 3UHVLGHQ WQGI \$GQDQLVWUDWLRQ ±  
7KH QHZVOHWW \H\NV H\QRPV R\XKH Q\GPWODQFHU DLWILRQ  
KDV WKH FDPSXV VDIHW\ SODQ LQ LW 3OHDVH W  
WKH ZHEVLWH ZLWKLQ D ZHHN

\$V IRU VVWXGHQW KFRXPVHL QRJX WW R R WHD QHZVW R QWWDIM  
IXQGLQJ :KHQ &DPSXVZHLQWDXSHW K\QWQ DQJVWXG  
,I ZH KDYH D KDJQGRILQ\ X\KOHGIGQJML DE\ S\OW EDUORRQDQ  
FRQWUDFWRUV \WQHZSPXWFKWD V\H\Q\ZLQH PGRB Q WKKLHW  
URDG LI LW PHHWV RXU VSHFLILFDWLRQV

4HK HK\DWGLWQ VUHTXLUH IUHVPHQ QWR UGHLUH WQ RR NW  
RXU SD\PHQWV DQRQZHUQHIG DWQDWW\WQHPEDENEIO W XWURH  
PDNH XVH RI DOO WKH KRXVLQJ ZH EXLOG DQG DFT  
\$EVROXWHO\ ZHXQH HNGKWBHPDWHDHGKBDQG WRU LW  
VLJQHG DQ\ DJUHHPZHQ W\HZ MWKWD QM\BQNLQJ ZLWK WKH  
FRQWUDFWRUV DERXW

\$W D SUHYLRXV LQVWLWXWLRQ ZKHDW H ZRUPISBQ\ ZH  
EXLOG WKH RQ FDPSXV ,KRWKIDQW VRQF\W\QH\ZLQH Q\W

KDW LV H[DFW\QLDQDKW\W M KHDSSISW WKLV LV RII FDPSXV

E\KIDQW RRQU M\QWL G HAFH\QRS\H\UH\T XQ\BZQH\QW G  
PHDQ"  
WXGHQWV SD\ IWK\RDHQ GH\B\W\W\ RMR VHUYL

:K\ DUH ZH PDNLQH IDQGZK\H\W\H\Q\KH "IXQ\QVWF R  
IURP VWXGHQW IHHV VR ZK\ GRQ W ZH



6 D E D O L X V S U H V H Q W W R H G J H D Y Q H D F H Q V G K P H H C E W L D Q D J V H V P D O R G Z H Q V Q  
W R Z K D W L W U H H D G L Q J V W T K K H D I P L U D P Q D P Y X Q W F Z R Q G H G 6 H Q  
6 D E D O L X V Z L W K G U H Z 6 H K Q D V D P R U H Q D G R H I G Q G P H V Q W W H R G F D K Q  
F , Q W K H F D V H R I H L W K H U D Y M U L I L W R O U H B B H U B H Q I  
F D V H R I H L W K H U D Y H U L I L D E O H H P R H W J H K Q F V W W X G D H G E W P  
D O V R W R P D N H W K H V D P H F K D Q J H V R D 7 K 6 I H / O D N W E  
9 D Q 6 H O V W S U H V H Q Q W W Q D Q Q D H P H Q V G R F D K G I G L U I E X P V W W D Q U  
D S S U R Y H G E \ W K H D F W K I D R L Q D Q V K U Q W W R H Q F O M R W R K I H G I S D  
9 D Q 6 H O V W D P H Q G P H Q W H S Q D W W R H Q - / H H S U H V H Q W H G D  
O L Q H W R U H S O D F H D U H Q R W L U Y H L T A X L U Z H L Q V K W R D K I B I Y H H [  
I U R P W K L V S R O L F \ 7 K H / H H D P H Q ) G P D H I Q H W U I P D Q H G D  
P R W L R Q W R U H I H W L V R I Q H E S D F Q I L W A R U R G V P R P M W K W H H K H W R W U R Q  
W K H I L Q D O S D S H U L V G X H Z K D W W K H I L Q D O G D \ R I W  
G D \ V Z L O O E H 7 K H ) U D ] L H U P R W L R Q I D L O H G  
T X H V W K R Q % X ] D Q N V L P R W L R Q S D H V G H Q D W H Y R W H G R Q  
D P H Q G H G D Q G L W S D V V H G

% 3 U R I H V V L R Q D O 6 W D Q G D U G V & R P P L W W H H 3 6 ±  
6 H Q D W R U 3 H A S H 6 3 3, *B d i l y R e c o m m e n d a t i o n, A d o p t i n g N e w S O T E a n d*  
*S O L A T E I n s t r u m e n t s ( F i n a l R e a d i n g ) .*

7 K H 6 H Q D W H Y R W H G R Q \$ 6 D Q G L W S D V V H G D V Z U

& 2 U J D Q L ] D W L R Q D Q G \* R Y H U Q P H Q W & R P P L W W H H 2 \* ±  
6 H Q D W R U 6 K L I A S 1 4 8, *P o l i c y R e c o m m e n d a t i o n, R e c i n d s S 8 2 - 1 0 a n d*  
*F 8 6 - 7 P e r t a i n i n g t o T e c h n o l o g y - R e l a t e d A d v i s o r y B o a r d ( F i n a l R e a d i n g ) .* 7 K H  
6 H Q D W H Y R W H G R Q D Q G L W S D V V H G

' 8 Q L Y H U V L W \ / L E U D U 1 R Q R D U G 8 / % ±

( & X U U L F X O X P D D Q G & R P P L W W H H & 5 ±  
6 H Q D W R U 0 D W A S X 6 3 1, *B d i l y R e c o m m e n d a t i o n, A m e n d m e n t A t o*  
*U n i v e r s i t y P o l i c y S 1 6 - 1 4, C l a r i f i c a t i o n o f ' I n t e r n s h i p ' ( F i n a l R e a d i n g ) .* 6 H Q D W R U  
6 K L I I O H W W S U H V H M Q W W H R G D Q G D D P Q I Q Z R H U Q H D Q G Y H G H F V R D Q X V H  
W K D W U H V S R Q V L D I O O R W & 2 \$ W W H K H W V H Z Q L H W Z K W K H 2 I I L F H  
) D F X O W \ 6 X F F H V V L W Q K F W Q M X R Q W L D W Q R V L Q J G H S D U W P H  
D P H Q G P H Q W Z D V V H F R Q G H G 3 U R Y R V W ) H L Q V W H L Q V  
U H Q H Z D O R I 8 2 \$ R R Q H D V R M L K J Q V H Q I W X F W W L F X H D D Q G Q V G K H &  
5 H V H D U F K & R P P L W W H H V K R X Q G O R H K W R Q V K G H L & E R V V R  
F R P P H Q M Q / D W R U % X ] D Q V N L P D G H D P R W L R Q W K H D G M R  
Q H [ W P H H W L Q J 7 K H 6 H Q D W H Y R W H G D Q G W K H % X ] D

, ; 6 S H F L D O & R P P L W M R I Q H H 5 H S R U W V ±

; \$ G M R X U Q P K H Q W H H W L Q J D G M R X U Q H G D W S P L L A &