

Trust Agreement For Directed Roth Individual Retirement Accounts

FUNDS INVESTED PURSUANT TO THIS AGREEMENT ARE NOT INSURED BY THE FDIC MERELY BECAUSE THE TRUSTEE IS A FEDERAL SAVINGS ASSOCIATION THE ACCOUNTS OF WHICH ARE COVERED BY SUCH INSURANCE. ONLY INVESTMENTS IN THE ACCOUNTS OF A FEDERAL SAVINGS ASSOCIATION ARE INSURED BY THE FDIC, SUBJECT TO ITS RULES AND REGULATIONS.

The following Articles I through IX of this Individual Retirement Trust Account Agreement are in the form promulgated by the Internal Revenue Service in Form 5305-R (Rev. October 2016).

The individual ("Grantor") whose name appears on the TIAA Individual Retirement Account Agreement (the "Adoption Agreement") is establishing a Roth individual retirement trust account ("account") under section 408A of the Internal Revenue Code of 1986, as amended, ("Code") to provide for his or her retirement and for the support of his or her beneficiaries after death.

The Trustee of the Trust Account is TIAA, FSB its successors or assigns ("Trustee"), with its principal place of business in Jacksonville, Florida. The Grantor has assigned to the Trust Account the property referred to in the Adoption Agreement. The signature of the Grantor on the Adoption Agreement shall constitute the Grantor's agreement to the following provisions.

ARTICLE I

Except in the case of a rollover contribution described in section 408A(e), a recharacterized contribution described in section 408A(d)(6), or an IRA Conversion Contribution, the Trustee will accept only cash contributions up to \$3,000 per year for tax years 2002 through 2004. That contribution limit is increased to \$4,000 for tax years 2005 through 2007 and \$5,000 for 2008 and thereafter. For individuals who have reached the age of 50 before the close of the tax year, the contribution limit is increased to \$3,500 per year for tax years 2002 through 2004, \$4,500 for 2005, \$5,000 for 2006 and 2007, and \$6,000 for 2008 and thereafter. For tax years after 2008, the above limits will be increased to reflect a cost-of-living adjustment, if any.

ARTICLE II

1. The annual contributions limit described in Article I is gradually reduced to \$0 for higher income levels. For a single Grantor, the annual contribution is phased out between adjusted gross income (AGI) of \$95,000 and \$110,000; for a married grantor filing jointly, between AGI of \$150,000 and \$160,000; and for a married grantor filing separately, between AGI of \$0 and \$10,000. In the case of a conversion, the Trustee will not accept IRA Conversion Contributions in a tax year if the Grantor's AGI for the tax year the funds were distributed from the other IRA exceeds \$100,000 or if the Grantor is married and files a separate return.

Adjusted gross income is defined in section 408A(c)(3) and does not include IRA Conversion Contributions.

2. In the case of a joint return, the AGI limits in the preceding paragraph apply to the combined AGI of the Grantor and his or her spouse.

ARTICLE III

The Grantor's interest in the balance in the Trust Account is nonforfeitable.

ARTICLE IV

1. No part of the trust account funds may be invested in life insurance contracts, nor may the assets of the trust account be commingled with other property except in a common trust fund or common investment fund (within the meaning of section 408(a)(5)).
2. No part of the trust account funds may be invested in collectibles (within the meaning of section 408(m)) except as otherwise permitted by section 408(m)(3), which provides an exception for certain gold, silver, and platinum coins, coins issued under the laws of any state, and certain bullion.

ARTICLE V

1. If the Grantor dies before his or her entire interest is distributed to him or her and the Grantor's surviving spouse is not the designated beneficiary, the remaining interest will be distributed in accordance with (a) below or, if elected or there is no designated beneficiary, in accordance with (b) below.
 - a. The remaining interest will be distributed, starting by the end of the calendar year following the year of the Grantor's death, over the designated beneficiary's remaining life expectancy as determined in the year following the death of the Grantor.
 - b. The remaining interest will be distributed by the end of the calendar year containing the fifth anniversary of the Grantor's death.
2. The minimum amount that must be distributed each year under paragraph 1(a) above is the account value at the close of business on December 31 of the preceding year divided by the life expectancy (in the single life table in Regulations section 1.401(a)(9)-9) of the designated beneficiary using the attained age of the beneficiary in the year following the year of the Grantor's death and subtracting 1 from the divisor for each subsequent year.
3. If the Grantor's surviving spouse is the designated beneficiary, such spouse will then be treated as the Grantor.

ARTICLE VI

1. The Grantor agrees to provide the Trustee with all information necessary to prepare any reports required by sections 408(i) and 408A(d)(3)(E), Regulations sections 1.408-5 and 1.408-6, or other guidance published by the Internal Revenue Service (IRS).
2. The Trustee agrees to submit to the IRS and Grantor the reports prescribed by the IRS.

ARTICLE VII

Notwithstanding any other articles which may be added or incorporated, the provisions of Articles I through IV and this sentence will be controlling. Any additional articles inconsistent with section 408A, the related regulations, and other published guidance will be invalid.

ARTICLE VIII

This agreement will be amended as necessary to comply with the provisions of the Code, the related regulations, and other published guidance. Other amendments may be made with the consent of the persons whose signatures appear on the Adoption Agreement.

ARTICLE IX

All of the provisions set forth in this document entitled "*Additional Provisions Applicable to TIAA Trusteed IRAs*" shall also apply to this Agreement and are incorporated herein by this reference for all purposes, unless otherwise stated therein.

Notwithstanding any other articles which may be added or incorporated, the provisions of Articles I through III and this sentence will be controlling. Any additional articles inconsistent with section 408(a) and the related regulations will be invalid.

ADDITIONAL PROVISIONS APPLICABLE TO TIAA - TRUSTEED IRAS

1. Definitions.

- a. "Account," "Trust Account," or "IRA" shall mean the Directed Roth Individual Retirement Trust Account established hereunder for the benefit of the Grantor and/or his or her Beneficiary(ies).
- b. "Adoption Agreement," "Account Application," or "Application," shall mean the Application by which this Trust Account is established by the agreement between the Grantor and the Trustee. "Agreement" shall mean (i) the TIAA Directed Roth Individual Retirement Account Trust Agreement; (ii) the TIAA Directed Roth Individual Retirement Account Disclosure Statement; (iii) the Terms and Conditions – TIAA Bank Savings and TIAA Bank Cash Reserves; and (iv) the information and provisions set forth in the Adoption Agreement for the IRA, as well as any effective Beneficiary Designation applicable to the Trust Account, as any of the same may be amended from time to time.
- c. "Beneficiary" shall mean the person(s), or entity(ies), (for instance, a trust), designated from time to time by a Grantor or a Grantor's surviving spouse to receive benefits by reason of the death of the Grantor or of such spouse, or the person(s) described in Section 7 below who would otherwise be entitled to receive such benefits.
- d. "Code" or "Internal Revenue Code" shall mean the Internal Revenue Code of 1986, as amended from time to time.
- e. "Grantor" shall mean the Grantor and an individual who adopts the IRA and who makes contributions or on whose behalf contributions are made to his or her Trust Account pursuant to the IRA.
- f. "Sponsor" means Teachers Insurance and Annuity Association of America.
- g. "Trustee" shall mean TIAA, FSB its successors and assigns, and any successor Trustee qualified to serve in such capacity with respect to IRA assets under applicable law and regulations, which has accepted to serve as trustee of the Trust Account.

2. Grantor's Representations. The Grantor acknowledges and represents to the Trustee as follows:

- a. The Grantor has been advised that the entirety of this Agreement has not been approved by the Internal Revenue Service ("IRS").
- b. The Grantor has been advised that the Trustee does not make warranties or in any way represent that the Grantor will qualify for all or any portion of the retirement savings deductions under the Code with respect to Traditional IRAs, that earnings of the Trust Account will be exempt from taxation, that any rollover contribution will be excludable from gross income for tax purposes, or that the Grantor will be free of any penalty taxes which may be incurred as a result of his or her failure to comply with the laws and regulations applicable to Traditional IRAs.
- c. The Grantor is eligible for a Traditional IRA and the contributions to be made thereto will be made in accordance with applicable laws and regulations. The Grantor is responsible for all fines and assessments, and for any adverse tax consequences, which may be imposed on the Grantor by applicable law. The Trustee assumes no liability whatsoever for tax implications associated with this Agreement.
- d. Any information the Grantor has provided or will provide to the Trustee with respect to this Agreement is complete and accurate. The Grantor will inform the Trustee of any change in any such information that could affect the efficient administration of the Trust Account. Such information includes, but is not limited to, a change in mailing or residence address, a change in beneficiary, and a change in the Grantor's tax year for contributions. Any direction given by the Grantor to the Trustee, or any action taken by the Grantor, will be proper under this Agreement and applicable law. The Trustee shall have the right to rely upon any information furnished by the Grantor (or any Beneficiary following the Grantor's death). The Grantor hereby agrees that the Trustee will not be liable for any loss or expense resulting from any action taken or determination made in reliance on such information. The Trustee will not be responsible for the Grantor's actions or failures to act. Likewise, the Grantor will not be responsible for the Trustee's actions or failures to act; provided, however, that the Trustee's duties and responsibilities under this Agreement are limited to those specifically stated in the Agreement, and no other or further duties or responsibilities will be implied.

3. Notices and Change of Address. Any notice required to be provided by the Trustee regarding this Trust Account will be considered effective when mailed by the Trustee to the last address of the intended recipient as reflected in the Trustee's records. The last address of the Grantor as reflected in the records of the Trustee will be the address used for any tax withholding, disbursement, and reporting required by taxing authorities. The Grantor will notify the Trustee of any change of address in writing. Any notice to be given to the Trustee will be effective following the Trustee's receipt thereof and its reasonable opportunity to act thereon.

4. Contributions.

a. Excess Contributions. The Grantor is responsible for the determination of any excess contributions and the timely withdrawal thereof. If the IRS or the Grantor notifies the Trustee in writing that the contributions to the Trust Account have exceeded the contribution limitations described in Article I of the IRA, or the Grantor has exceeded the applicable income limits described in Article II, the Trustee shall distribute from the Account the amount of such excess contribution and, as determined by the Grantor, any income attributable thereto. The Grantor may revoke such notice in writing if the IRS has not notified the Trustee of the IRS' determination that the excess contribution was willfully made by the Grantor. The Trustee, at the request of the Grantor, may credit as a contribution for the current taxable year the amount shown in the notice of the Grantor revoking his or her prior notification.

b. Regular IRA Contributions Deadlines. The last day to make annual IRA contributions for a particular tax year is the deadline for filing the Grantor's federal income tax return, not including extensions, or such later date as may be determined by the Department of the Treasury or the IRS for the taxable year for which the contribution relates. The Grantor shall designate, in a form and manner acceptable to the Trustee, the taxable year for which such contribution is made.

c. Contributions to a Roth IRA for a spouse. Contributions to a Roth IRA for a spouse must be contributed to a separate Roth IRA trust account, as applicable, established by such spouse, and such spouse shall thereafter be deemed to be the Grantor with respect to such separate trust account.

5. Investment of Contributions.

a. Direction by Grantor. Unless the Grantor appoints a representative to provide directions to the Trustee with respect to the investment of assets in the Trust Account, as provided in paragraph d of this section, the Grantor shall direct the Trustee with respect to the investment of all contributions to his or her Trust Account and the earnings thereon. Such directed investments shall be limited to publicly traded securities, mutual funds, exchange-traded funds, money market instruments, bank products, other funding vehicles offered as part of this IRA at the discretion of the Sponsor, and other investments to the extent that they may be subject to the custody of the Trustee in the Trustee's regular course of business and are otherwise acceptable by the Trustee based on the Trustee's policies and operational requirements.. Accordingly, the Trustee reserves the right not to accept assets intended for deposit to the Trust Account (whether initially contributed or subsequently acquired), including assets not publicly traded and / or easily valued. The Trustee may at any time require liquidation or transfer of any asset held in the Trust Account if the Trustee determines that maintaining custody of any such asset is not in accordance with the Trustee's policies or operational requirements. In its capacity as trustee, the Trustee shall have no investment authority over the Trust Account, including in the absence of investment directions by or on the Grantor's behalf. All transactions directed by the Grantor shall be subject to the rules, regulations, customs, and usages of the exchange, market, or clearing house where executed, to applicable federal and state laws and regulations, and to the Trustee's policies and operational requirements.

The Grantor understands (i) that the Trustee shall attribute earnings only to assets held in the Trust Account while in the custody of the Trustee. (ii) the income from, and gain or loss on, each investment the Grantor selects and directs for the Trust Account will affect the value thereof, and (iii) the growth in value of a Trust Account cannot be guaranteed or projected.

b. Direction by Beneficiary. Subject to the standard practices of the Trustee, if the Grantor dies before part or all of his or her interest in the Trust Account is distributed to him or her, the remaining assets in the Trust Account shall be invested as directed by the Grantor's Beneficiary(ies). In such event, the Beneficiary(ies) shall be treated as the Grantor for all purposes as though to the Beneficiary(ies) had entered into this Agreement.

c. No Duty to Review. The Trustee shall not be under any duty to review or question any direction of the Grantor or the Grantor's representative with respect to investments, to review any securities or other property held in the Trust Account, or to make suggestions to the Grantor with respect to investments. The Trustee will not be liable for any loss that may result by reason of investments made by the Trustee in accordance with the directions of the Grantor or the Grantor's representative.

d. Delegation of Investment Responsibility. Regardless of any other provision of this Agreement to the contrary, the Grantor may appoint an investment professional or other person to act as the Grantor's representative with authority to direct the Trustee with respect to the investment of assets in the Trust Account. Such appointment, will be effective only if (1) the Trustee has received an executed copy of an agreement between the Grantor and the representative in a form and manner acceptable to the Trustee that specifies the authority of the representative to act on behalf of the Grantor, and (2) the Trustee does not object to acting on the direction of such representative, which objection the Trustee may assert for any reason at any time. If the Grantor appoints a representative, as provided above, references to the Grantor in this Agreement the extent such references pertain to securities with respect to which such representative has investment authority) shall include references to such representative. However, all references in this Agreement to the individual whose Trust Account is involved and to the making of contributions and the receipt of distributions are only to the Grantor. The Grantor may revoke the authority of any such representative at any time by notifying the Trustee in writing and otherwise in a manner acceptable to the Trustee. The Trustee shall not be liable in any way for transactions initiated prior to and up to the time of the Trustee's receipt of such notice and its reasonable opportunity to act thereon.

e. Investment of Cash Balances. The Grantor's Trust Account may include a sweep program feature which automatically transfers at the end of each business day available uninvested cash balances in the Grantor's Trust Account to certain funding vehicles (each, a "Sweep Vehicle"). The Grantor authorizes and directs the Trustee to deposit uninvested cash balances in demand deposits or similar accounts maintained in the commercial or savings department of any bank or savings association, the deposits of which are insured by the Federal Deposit

Insurance Corporation ("FDIC"), including those of the Trustee or any bank or savings association that is an affiliate of the Trustee, including TIAA, FSB, Member FDIC; provided that any such deposits bear a reasonable rate of interest. The Grantor directs and authorizes the Trustee to withdraw, transfer in-kind or liquidate out of any discontinued Sweep Vehicle Grantor's funds or shares and deposit or transfer such funds or shares into any other Sweep Vehicle then offered by the Trustee. The Grantor further directs the Trustee to automatically withdraw or redeem the cash held in such Sweep Vehicle to meet the Grantor's cash needs for the settlement of transactions, payment of distributions or as otherwise necessary. Additional terms and conditions applicable to a Sweep Vehicle are described in the disclosures and supplemental agreements associated with such Sweep Vehicle.

6. Withdrawals. The Grantor (and the Beneficiaries after the Grantor's death may withdraw all or part of his or her Trust Account balance at any time. All requests for withdrawal (i) shall be in a form and manner provided by or acceptable to the Trustee.; (ii) shall be deemed to constitute a certification by the Grantor that the Grantor is permitted to receive the funds directed to be withdrawn; and (iii) shall be subject to all applicable tax and other laws and regulations including possible early withdrawal penalties and withholding requirements. Notwithstanding any other provision of this Agreement to the contrary, the Trustee assumes (and shall have) no responsibility to make any distribution to the Grantor unless and until such instructions specify the occasion for such requested withdrawal. Prior to effectuating any such withdrawal from the Trust Account, the Trustee shall be furnished with any and all applications, certificates, tax waivers, signature guarantees, and other documents (including proof of any legal representative's authority) deemed necessary or advisable by the Trustee. The Trustee shall not be liable for complying with instructions which appear to be genuine, or for refusing to comply if the Trustee is not satisfied that such instructions are genuine, and assumes (and shall have) no duty of further inquiry. The Grantor shall provide such instructions within a reasonable period prior to the date the withdrawal is requested to be made. After receipt of proper instructions as required above and a reasonable opportunity to act thereon, the Trustee shall cause the assets of the Trust Account to be distributed in cash and/or in kind, as specified in such order. If payment is made outside of the United States, special federal income tax

withholding rules may apply. Distributions to the Grantor from the IRA may be made in a single sum, periodic payment, or a combination of both.

- 7. Designations of Beneficiaries.** At any time, the Grantor may designate a Beneficiary(ies) to receive Trust Account assets following the Grantor's death. Any such designation may be changed or revoked at any time by written designation executed by the Grantor in a form and manner prescribed by or acceptable to, and filed with, the Trustee. Such designation, change, or revocation shall be effective only upon acceptance by the Trustee. The most recent such designation, change, or revocation shall control. If there is no accepted beneficiary designation on file with the Trustee, the Trustee shall distribute the assets in the Trust Account to the Grantor's estate. By accepting any beneficiary designation, the Trustee assumes (and shall have) no responsibility or liability with respect to the legal or tax consequences of the designation including, but not limited to, the impact of community property laws or laws governing inheritance of property on such designation.

Following the death of the Grantor, the balance of the Grantor's Trust Account shall be distributed to the Grantor's designated Beneficiary (ies), if any, in accordance with the provisions of Article IV of the IRA and in accordance with this Agreement and the Trustee's policies and operational requirements.

- 8. Distributions to Beneficiaries.** The primary Beneficiary(ies) designated by the Grantor will receive the balance of the Trust Account following the Grantor's death in the percentage indicated by the Grantor. If any primary Beneficiary predeceased the Grantor, the deceased Beneficiary's share will instead be distributed to the remaining primary Beneficiary(ies) equally, or in the proportion the Grantor may have indicated. If all of the Grantor's primary Beneficiaries predecease the Grantor, or if the Grantor failed to name any primary Beneficiary, but named contingent Beneficiaries, the balance of the Trust Account will be distributed to the contingent Beneficiaries named by the Grantor, if any, in the percentage indicated by the Grantor. The foregoing rules applicable with respect to primary Beneficiaries are also applicable with respect to contingent Beneficiaries. If all of the designated Beneficiaries predecease the Grantor, the balance of the assets in the Trust Account will be distributed to the Grantor's estate.

At any time, any Beneficiary may designate his or her own Beneficiary(ies) ("Successor Beneficiaries") of the

Beneficiary's interest in the Trust Account, and any such designation may be changed or revoked at any time by written designation executed by the Beneficiary in a form and manner prescribed by, or acceptable to, and filed with, the Trustee if a Beneficiary does not predecease the Grantor but dies before receiving his or her entire interest in the Trust Account, his or her remaining interest in the Trust Account shall be paid to the successor Beneficiary (ies). If there is no accepted successor beneficiary designation on file with the Trustee, the Trustee shall distribute the deceased Beneficiary's Trust Account to the Beneficiary's estate if the Beneficiary survived the Grantor. The rules set forth above with respect to beneficiary designations made by the Grantor shall also apply to such successor beneficiary designations made by a Beneficiary, as the context may require.

If the Trustee is unable to make a distribution to a Grantor, a Beneficiary, or other distributee because the last known mailing address of such individual or entity reflected in the Trustee's records, if any, is no longer valid, the Trustee may hold the proceeds in a noninterest-bearing account until such funds escheat by operation of law, and shall incur no liability for so doing. Under no circumstances shall the Trustee be required to ascertain the whereabouts of any Beneficiary or other distributee. The Beneficiary (ies) is responsible to ensure that distributions are made in accordance with the provisions of Article IV of the IRA. The Trustee shall withhold federal income tax from any distribution from the Trust Account as required under applicable law.

If the Beneficiary to which a distribution must be made is a minor, such distribution shall be made to a custodian account established by the parent, guardian or conservator of such Beneficiary, or other person as permitted, under the Uniform Transfers to Minors or the Uniform Gifts to Minors Act in a state selected by such parent, guardian, conservator, or other person.

The Trustee shall not be responsible for the purpose, sufficiency, or propriety of any distribution. The Trustee is only authorized to make distributions in accordance with instructions of the Grantor, or after the Grantor's death, of his or her Beneficiary, or as otherwise provided for in this Agreement. Such instructions must be given in a form and manner acceptable to the Trustee.

- 9. Separate Accounting.** If the Grantor has designated multiple primary Beneficiaries, the Grantor hereby directs the Trustee, to the extent administratively feasible, to

separately account for the amount allocable to each Beneficiary in accordance with applicable law following the Grantor's death for purposes of determining each "designated beneficiary" under Code section 401(a)(9), all in accordance with any procedures the Trustee may establish from time to time.

10. Transfer of Trust Accounts By Grantor.

a. Transfer. If the Grantor terminates his or her Trust Account, the Trustee shall distribute or transfer the Trust Account balance in accordance with the Grantor's written directions and this Agreement. The Grantor authorizes the Trustee to retain such sums as the Trustee may deem necessary in payment of all of the Trustee's fees, compensation, costs, and any expenses, including, but not limited to, annual maintenance fees and account termination fees, or for payment of any other liabilities which might constitute a charge to either the Trust Account or the Trustee; provided, however, that notwithstanding the foregoing, any securities and other property held in the Grantor's Trust Account may only be used to satisfy the Grantor's indebtedness or other obligations to the Trustee related to the Trust Account. The balance of any such reserve remaining after the payment of the above items shall be paid, distributed, or transferred as directed by the Grantor upon satisfaction of any such charge. The Trustee shall have no duty to ascertain whether any payment, distribution, or transfer directed by the Grantor is proper under the provisions of the Code, this Agreement, or otherwise.

b. Transfer upon Dissolution of Marriage. A Grantor may transfer any portion or all of his or her interest in the Trust Account to a former spouse under a written instrument incident to the dissolution of the Grantor's marriage to such spouse or under a dissolution decree provided that either document contains transfer instructions acceptable to the Trustee and compliant with the Trustee's administrative or operational requirements and regular business practices. In such event, such Trust Account, or the transferred portion thereof, shall be held for the benefit of such former spouse subject to the terms and conditions of the IRA.

11. Powers, Duties, and Obligations of Trustee.

a. No Investment Discretion. The Trustee shall have no discretion to make, and shall not make, any investments or dispose of any investments held in a Trust Account, except upon the direction of the Grantor or in accordance

with paragraph d of section 15 below. The Trustee is merely authorized to acquire and hold the particular investments specified by the Grantor or the Grantor's representative. In its capacity as trustee, the Trustee shall not act as investment advisor or manager to a Grantor and will not advise a Grantor or offer any opinion or judgment on any matter pertaining to the nature, value, potential value, or suitability of any investment or potential investment by a Grantor. The Trustee shall not question any such directions of the Grantor, review any securities or other property held in a Trust Account, or make suggestions to the Grantor with respect to the investment, retention, or disposition of any assets held in a Trust Account.

b. Administrative Powers. The Trustee will hold the IRA assets in its safekeeping facilities or delegate the custody of such assets to other entities. Securities, whether registered or unregistered, may be deposited (i) in any centralized securities depository or clearing system, domestic or foreign, selected by the Trustee or its delegee; (ii) with the issuer of securities issued in non-certificate form; or (iii) in book entry form at the Federal Reserve Bank. The Trustee is authorized to hold IRA Assets in the account in its own name as trustee, in the name of a sub-custodian, in the name of a nominee, in book entry form, in a clearinghouse corporation or any central depository system. The Trustee will receive all interest, dividends and other distributions paid with respect to IRA assets in the account, and pay or reinvest such sums as Grantor will direct. Grantor authorizes the Trustee to issue receipts for, endorse, and collect all checks and other remittances payable to the IRA or the Trustee on behalf of the IRA. Grantor acknowledges that the Trustee will not have any obligation to enforce payment of such distributions through judicial process or otherwise.

Pursuant to the Grantor's direction, the Trustee shall have the following powers and authority with respect to the administration of the Trust Account:

- i. To invest and reinvest the assets of the Trust Account.
- ii. To exercise or sell options, conversion privileges, or rights to subscribe for additional securities and to make payments therefor;
- iii. To grant options to purchase securities held by the Trustee or to repurchase options previously granted with respect to securities held by the Trustee;

- iv. To make, execute, and deliver as Trustee any and all contracts, waivers, releases, or other instruments in writing necessary or proper for the exercise of any of the foregoing powers; and
- v. In general to take such other actions and execute such other documents as may be necessary or desirable to exercise the powers conferred on the Trustee in this Agreement.

The Trustee may perform any of its administrative powers and other duties under this Agreement through such other persons or entities as may be designated by the Trustee from time to time. No such designation or change thereof shall be considered an amendment of this Agreement.

All of the foregoing notwithstanding, the Trustee's powers shall be subject to any and all restrictions or limitations, direct or indirect, which are imposed by the Trustee's own governing instruments; all applicable federal and state laws and regulations; the rules, regulations, customs and usages of any exchange, market or clearing house where the transaction is executed; the Trustee's policies and practices; and the terms of this Agreement.

- c. **Proxies.** Except as otherwise directed by the Grantor, all proxy and solicitation materials, notices of shareholders' meetings, current prospectuses, and other annual or regular shareholder reports shall, to the extent furnished to the Trustee by the issuers of the securities in the Trust Account, be sent by the Trustee to the Grantor. The Trustee shall not be responsible for voting or taking any other action pursuant to any such materials.
- d. **Records and Reports.** The Trustee shall keep accurate records of all contributions, receipts, investments, distributions, disbursements, and all other transactions of the Trust Account. Within one hundred and twenty (120) days (or such other deadline imposed by applicable law) after the close of each calendar year (or after a distribution or transfer of a Grantor's Trust Account or upon the Trustee's resignation or removal), the Trustee shall provide to the Grantor a written report (which may consist of copies of the Trustee's regularly issued Trust Account statements) reflecting all transactions in the Trust Account for the period in question and including a statement of the assets in the Trust Account and their market values. Unless the Grantor provides a written statement of exceptions or objections to the report to the Trustee within sixty (60) days after the Grantor's receipt thereof, the

Grantor shall be deemed to have approved such report and the Trustee shall be released from all liability to anyone (including any Grantor's spouse or Beneficiary) with respect to all matters set forth in the report. No person other than a Grantor, the spouse of a Grantor, or Beneficiary may require an accounting.

- e. **Legal Proceedings.** The Trustee shall have the right at any time to apply to a court of competent jurisdiction for a judicial settlement of the Trustee's accounts or for a determination of any questions of interpretation or construction, of the terms of the IRA, including this Agreement, or for instructions. The only necessary party defendant to any such action shall be the Grantor, but the Trustee may join any other person (s) as a party defendant. The cost, including the Trustee's attorney's fees, of any such proceeding shall be charged as an administrative expense under section 10 below. The Trustee shall not be obligated or expected to commence or defend any legal action or proceeding in connection with this Agreement or such matters unless agreed upon by the Trustee and the Grantor (or the Grantor's legal representatives) (or Beneficiary) and unless fully indemnified for so doing to the Trustee's satisfaction.
- f. **Scope of Trustee's Duties.** The Trustee shall only have the duties, which are specifically set forth in this Plan.
- g. **Scope of Trustee's Liability.** The Trustee shall not be liable for any loss of any kind that may result from any action taken by the Trustee in accordance with the directions of the Grantor or his or her designated representative or attorney in fact or from any failure to act in the absence of any such directions. The Trustee is entitled to act upon any instrument, certificate, or form the Trustee believes in good faith is genuine and is executed or presented by the proper person (s), and the Trustee need not investigate or inquire as to any statement contained in such document but may accept it as true and accurate. The Trustee shall not be liable for any taxes or interest thereon), penalties or other consequences to the Grantor or to any other person in connection with any Trust Account, including in connection with any contribution to or distribution from the Trust Account. The Trustee shall not be liable for any damages, losses or expenses directly or indirectly caused by an act of God, unusually severe weather conditions, fire, flood, civil or labor disturbance, acts of war, acts of terrorism, catastrophic accident exchange, or market issues, including the suspension of trading, market volatility, trade volume, or act of any governmental authority,

malfunction of equipment or software (except where such malfunction is primarily attributable to the Trustee's gross negligence or willful misconduct in selecting, operating or maintaining the equipment or software), failure of or the effect of rules or operations of any external funds transfer system, inability to obtain or interruption of external communications facilities, or any cause beyond the Trustee's reasonable control.

The Grantor, the Grantor's legal representatives, and the Beneficiaries following the Grantor's death shall release and fully duly indemnify and hold harmless the Trustee and its affiliates and their respective officers, directors, shareholders, employees and other agents from any liability which may arise hereunder, including any liability in connection with the establishment or maintenance of the Trust Account and the Trustee's obligations under this Agreement except liability arising from the Trustee's own acts of gross negligence or willful misconduct. This indemnification will survive the termination of this Agreement and the Trust Account.

12. Resignation or Removal of Trustee.

a. Resignation. The Trustee may resign as Trustee hereunder as to any Trust Account by providing thirty (30) days prior written notice thereof to the Grantor (or any Beneficiary following the Grantor's death). Upon the Trustee's resignation, the Trustee may, but shall not be required to, appoint a corporation or other organization which shall be a bank as defined in Code section 408(n) or another person found qualified to act as trustee of an IRA by the Secretary of the Treasury or his delegate, as the successor Trustee under this Agreement. The Grantor, following the receipt of such notice, shall have thirty (30) days to appoint an alternate qualifying successor Trustee. If no alternate qualifying successor is appointed within such time period, the Grantor will be deemed to have accepted the Trustee's appointed successor Trustee. Upon acceptance of an appointment by the successor Trustee, the successor Trustee shall assign, transfer, and deliver to the successor Trustee all assets held in the Trust Account to which such resignation relates. The Trustee is authorized, however, to reserve such amounts the Trustee deems advisable to provide for the payment of expenses and fees then due or to be incurred in connection with the settlement of the Trustee's account, and any balance remaining after the settlement of the Trustee's account shall be paid to the successor Trustee. The successor Trustee shall be

subject to any agreement between the Grantor and the Trustee which may limit the payment of benefits to the Beneficiaries.

If the Trustee does not choose to appoint a successor Trustee, the Grantor shall have thirty (30) days after receiving notification of the Trustee's resignation to appoint a qualifying successor Trustee and provide transfer instructions to the Trustee. If the Grantor fails to appoint a qualifying successor Trustee and provide transfer instructions within such time period, the Trustee shall have the right to terminate the Trust Account, liquidate all assets in the Trust Account and mail a check to the Grantor for any net proceeds. In such event, the Trustee shall be entitled to receive the full termination fee, if any, along with the full, non-prorated current year maintenance fees, if any, regardless of the date during the year on which the Trust Account is terminated. If the Account is liquidated, the Grantor agrees to be liable for any resulting losses and expenses of liquidation incurred by the Trustee, which expenses the Trustee may deduct from the net proceeds. Upon transfer of the assets following the termination of the Trust Account and this Agreement, the Trustee will be discharged and released from any further liability thereunder.

b. Removal. The Grantor (or any Beneficiary following the Grantor's death) may at any time, upon thirty (30) days' prior written notice to the Trustee, remove the Trustee, provided that the Grantor (or Beneficiary) designates in such notice a successor Trustee, which successor Trustee shall be a bank as defined in Code section 408(n) or another person found qualified to act as a trustee of an IRA by the Secretary of the Treasury or his delegate. Upon expiration of the notice period set forth in the written notice and acceptance by the successor Trustee (in a form and substance reasonably acceptable by the Trustee) (1) the Trustee shall transfer the assets of the Trust Account to the successor Trustee subject to any amount reserved by the Trustee as provided in paragraph a of this section 8; (2) the Trustee shall thereafter have no further rights and responsibilities under this Agreement; (3) the successor Trustee shall have all the rights and responsibilities of the Trustee under this Agreement; and (4) the successor Trustee shall be subject to any agreement between the Grantor and the Trustee which may limit the payment of benefits to Beneficiaries. The Grantor shall substitute another trustee in place of the Trustee upon notification by the IRS that such substitution is required because

the Trustee has failed to comply with the requirement of Treasury Regulation Section 1.408-2(e), (or any successor regulation) or is not keeping such records, making such returns, or rendering such statements as are required by such regulation.

- c. Trustee Not Liable for Acts of Predecessor Trustee.** No Trustee shall be liable for the acts or omissions of any predecessor Trustee or shall have obligation to review or audit the acts of any predecessor Trustee.

13. Amendment and Termination of the IRA.

- a. Amendment.** The Grantor hereby directs the Trustee to amend any provision of this Agreement at any time as the Trustee may deem necessary or desirable for administrative and other reasons, and the Grantor hereby consents to such amendments, provided they comply with all applicable provisions of the Code, the regulations thereunder and any other statute, regulation or ruling. Such amendment shall be communicated in writing to the Grantor or Beneficiary, and the Grantor or Beneficiary shall be deemed to have consented to such amendment unless, within thirty (30) days after the communication to the Grantor is mailed or delivered electronically, the Grantor gives the Trustee a written order for a complete distribution or transfer of the Trust Account. No amendment of the IRA, however, shall deprive any Grantor, spouse of a Grantor, or Beneficiary of any benefit to which he or she was entitled under the IRA from contributions made prior to any amendment unless the amendment is necessary to conform the IRA to the current or future requirements of Code section 408, or other applicable law, regulation, or ruling; in such case the Trustee is expressly authorized to make amendments that are necessary for such purposes retroactively to the later of the effective date of the IRA or the effective date of any such future legal requirements. A Grantor may change any election or designation made in the Adoption Agreement, provided such change is made in a form and manner prescribed by and acceptable to the Trustee.

- b. Termination.** The Trustee may terminate this IRA or this Trust Account at any time upon thirty (30) days' prior written notice to the Grantor (or the Beneficiary following the Grantor's death). If the Trustee terminates the Trust Account for any reason, the balance held in each Trust Account for the benefit of a Grantor or Beneficiary(ies) shall be distributed by the Trustee to a successor Trustee in accordance with paragraph a of Section 8 above.

14. Fees, Expenses, and Indebtedness.

- a. Payment of Fees and Expenses.** The annual maintenance, termination, and other administration fees shall be charged by the Trustee in accordance with the Trustee's published fee schedule in effect at the time the Trustee's services are provided. The Grantor acknowledges that such fee schedule may be amended by the Trustee from time to time on notice to the Grantor. A portion of the fees collected by the Trustee may be shared with the financial institution that introduced the Grantor's Trust Account. Any administrative expenses, which are over and above the services set forth in the fee schedule, including fees for legal and/or accounting services incurred by the Trustee at the request of or necessitated by the actions of the Grant or Beneficiary, including, but not by way of limitation, directed investments of Trust Account assets that cause the Trust Account to realize unrelated business taxable income within the meaning of Code section 512 shall be paid by the Grantor. The Trustee's fees and expenses shall be automatically debited to the Trust Account unless the Grantor pays the fee in a timely manner before the Trust Account has been so charged. The Trustee reserves the right to liquidate any assets of the Trust Account to collect any charge for which payment may at any time be past due. Any reimbursement of fees charged against a Trust Account will be recorded as a contribution to the Trust Account and reported to taxing authorities accordingly.
- b. Taxes.** Any taxes of any kind whatsoever that may be levied or assessed upon any Trust Account or that the Trustee may otherwise be responsible for collecting, may be paid by the Grantor (or the Beneficiary following the Grantor's death) but, unless so paid within such time period as the Trustee may establish, shall be paid from the assets of the Trust Account at issue.
- c. Deductible and Non-Deductible Contributions.** The Trustee shall have no duty to account for deductible contributions separately from non-deductible contributions.
- d. Commissions and other Transactional Fees.** The Trust Account will be charged commissions and other transactional fees each time securities transactions are effected in the Trust Account in accordance with the Trustee's usual practice.
- e. Indebtedness.** The Grantor shall pay any debit balance or other obligation owing to the Trustee with respect to the Trust Account on demand.

15. Miscellaneous.

a. Prohibited Transactions. No Grantor, spouse of a Grantor, or Beneficiary shall be entitled to use a Grantor's Trust Account, or any portion thereof, as security for a loan or borrow from the Trust Account. Neither the Trustee, the Grantor, nor any other person or organization shall engage in any prohibited transaction, within the meaning of Code section 4975, with respect to any Trust Account.

b. Trustee as Agent. The Trustee shall be an agent for the Grantor (or any Beneficiary following the Grantor's death) to perform the duties conferred on the Trustee by the Grantor. The parties do not intend to confer any fiduciary duties on the Trustee, and none shall be implied. The Trustee shall not be liable (and does not assume any responsibility for) the collection of contributions, the deductibility of any contribution, determining whether any contribution or rollover contribution satisfies the requirements of the Code, the propriety of any contributions received by the Trustee under this Agreement, or the purpose or propriety of any distribution ordered, which matters are the sole responsibility of the Grantor (or the Beneficiary, as applicable).

c. Prohibition against Assignment of Benefits. Except to the extent otherwise required by law or this Agreement, none of the benefits, payments, or proceeds held in a Trust Account on behalf of any Grantor, spouse of a Grantor, or Beneficiary shall be subject to the claims of any creditor of such Grantor, spouse of a Grantor, or Beneficiary, nor shall any such Grantor, spouse of a Grantor, or Beneficiary have any right to anticipate, sell, pledge, option, encumber, or assign any of the benefits, payments, or proceeds to which he or she is or may be entitled under the IRA.

d. Liquidation of Assets. If the Trustee must liquidate assets in order to make distributions, transfer assets, or pay fees, expenses, or taxes assessed against a Grantor's Trust Account, and the Grantor fails to timely instruct the Trustee as to the liquidation of such assets, assets will be liquidated pro-rata across all investments and funding vehicles available in the IRA. The Trustee shall not be liable for any losses arising out of or as a result of assets liquidated in accordance with the provisions of this Agreement.

e. Purpose of Forms. Form 5305-R (Articles I through VII) is a model Trust Account Agreement that meets the requirements of Section 408A of the Code and has been approved by the IRS. An Individual Retirement Account is established after the Adoption Agreement is fully executed by the Grantor and entered in the records of the Trustee, and must be completed no later than the due date of the individual's federal income tax return for the tax year (without regard to extensions). This Trust Account must be created in the United States for the exclusive benefit of the Grantor or his or her Beneficiary (ies).

f. Identifying Number. The Grantor's social security number will serve as the identification number of his or her Trust Account. An employer identification number is required only for a Trust Account for which a return is filed to report unrelated business taxable income. An employer identification number is required for a common fund created for IRAs.

g. Contributions to a Trust Account for a Spouse. Contributions to a Trust Account for a spouse must be made to a separate Trust Account established by the spouse.

h. Evidence of Agreement. This Agreement and any part hereof, may be proved either by an original copy or a reproduced copy thereof including, without limitation, a copy reproduced by photocopying, facsimile transmission, electronic imaging, or other means of electronic transmission.

i. Applicable Law. The IRA shall be construed, administered, and enforced according to the laws of the State of Missouri, except to the extent preempted by federal law, without regards to the laws of conflict. All contributions to the Trust Account shall be deemed to occur in the State of Missouri. The terms and conditions of the IRA shall be applicable without regard to the community property laws of any state.

j. **Minors.** If the Grantor is a minor under the laws of the Grantor's state of residence, then a parent or guardian of the Grantor shall exercise all powers and duties of the Grantor and sign the Adoption Agreement on the behalf of the minor. The Trustee's acceptance of the Account on behalf of any minor Grantor is expressly conditioned upon the agreement of such parent or guardian to accept the responsibility to exercise all such powers and duties. Upon attainment of the age of majority under the laws of the Grantor's state of residence at such time, the Grantor may advise the Trustee in writing (accompanied by such documentation as the Trustee may require) that the Grantor is assuming sole responsibility for the administration of the account. Absent such written notice from the Grantor, the Trustee shall be under no obligation to acknowledge the Grantor's right to exercise such powers and authority and may continue to rely on the parent or guardian to exercise such powers and authority until notified to the contrary by the Grantor and after a reasonable opportunity to act on such notification.

k. **Conflicts.** Any conflicting provisions between this agreement and the Brokerage Customer Account Agreement are governed by the Directed Trust Agreement.

16. Arbitration. This Agreement contains a pre-dispute arbitration clause, which will survive the termination of this Agreement and the Trust Account. By signing an arbitration agreement, the Grantor and the Trustee agree as follows:

- All parties to this Agreement are giving up the right to sue each other in court, including the right to a trial by jury, except as provided by the rules of the arbitration forum in which a claim is filed.
- Arbitration awards are generally final and binding; a party's ability to have a court reverse or modify an arbitration award is very limited.

- The ability of the parties to obtain documents, witness statements and other discovery is generally more limited in arbitration than in court proceedings.
- The arbitrators do not have to explain the reason(s) for their awards.
- The rules of some arbitration forums may impose time limits for bringing a claim in arbitration. In some cases, a claim that is ineligible for arbitration may be brought in court.
- The rules of the arbitration forum in which the claim is filed, and any amendments thereto, will be incorporated into this Agreement.
- The arbitrator shall have no authority to award punitive damages or any other kind of damages not measured by the prevailing party's actual damages.

IT IS AGREED THAT ANY CONTROVERSY OR CLAIM ARISING OUT OF OR RELATING TO THIS AGREEMENT, OR THE BREACH THEREOF, OR THE TRUST ACCOUNT WILL BE SETTLED BY ARBITRATION ADMINISTERED BY THE AMERICAN ARBITRATION ASSOCIATION ("AAA"). THE RULES OF THE ARBITRATION WILL BE THOSE IN GENERAL USE BY THE AAA, EXCEPT AS MODIFIED BY THIS SECTION OR OTHERWISE AGREED TO BY THE PARTIES. JUDGMENT UPON THE AWARD RENDERED BY THE ARBITRATOR MAY BE ENTERED IN ANY COURT HAVING JURISDICTION THEREOF. THE ARBITRATION WILL BE BEFORE A SINGLE ARBITRATOR AND WILL BE HELD IN THE CITY OF JACKSONVILLE, FLORIDA. THE PREVAILING PARTY WILL BE ENTITLED TO RECOVER ITS REASONABLE ATTORNEYS' FEES AND EXPENSES OF LITIGATION, INCLUDING EXPERT COSTS, IN ANY SUCH ARBITRATION.

Roth Directed Individual Retirement Account Disclosure Statement

FUNDS INVESTED PURSUANT TO THIS AGREEMENT ARE NOT INSURED BY THE FDIC MERELY BECAUSE THE TRUSTEE IS A FEDERAL SAVINGS ASSOCIATION THE ACCOUNTS OF WHICH ARE COVERED BY SUCH INSURANCE. ONLY INVESTMENTS IN THE ACCOUNTS OF A FEDERAL SAVINGS ASSOCIATION ARE INSURED BY THE FDIC, SUBJECT TO ITS RULES AND REGULATIONS.

This Disclosure Statement provides the basic information regarding your Roth Individual Retirement Account (IRA) as well as certain features unique to the TIAA Directed Roth Individual Retirement Account. The Internal Revenue Service (IRS) requires us to send you this information. You should carefully review it as well as your Trust Agreement and Adoption Agreement to make sure you understand the legal requirements for IRAs. This Disclosure Statement also discusses the effect and requirements of federal tax laws, but not state income tax laws that may apply to you. TIAA, FSB its successors and assigns (the "Trust Company") and its affiliated organizations *do not provide tax or legal advice, for this reason you should consult a lawyer or personal tax advisor regarding your particular situation to avoid any unintended or adverse tax consequences.* Additionally, information about Roth IRAs can be obtained from any IRS district office.

Right to Revoke

You can revoke your Roth IRA any time within seven calendar days after it has been established by mailing or delivering a written notice of revocation to the following address:

TIAA
8500 Andrew Carnegie Blvd.
Charlotte, NC 28262

Your written notice will be deemed mailed on the date of the postmark (or if sent by certified or registered mail, the date of certification or registration), if it is deposited in the mail in the United States in a properly addressed envelope, or other appropriate wrapper, first class postage prepaid. Upon revocation, you will receive a full refund of all monies paid. If you have questions, please call between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday.

Establishing a Roth IRA

Your Roth IRA is a trust account established for the exclusive benefit of you and your beneficiaries, which is given favorable tax treatment by meeting specific requirements of the Internal Revenue Code of 1986, (Code).

The IRS has approved various forms to be used in establishing Roth IRAs. Form 5305-R has been approved as a Roth IRA trust agreement, which meets the requirements of Section 408A(a) of the Code. The Trust Agreement for Directed Roth Individual Retirement Accounts (Agreement) incorporates the language from this form and relies on the IRS's approval of this language in offering Roth IRAs that meet the requirements of Code Section 408A(a). The IRS approval goes to the form of the Roth IRA and does not represent a determination on the qualification of the Roth IRA in operation.

A Roth IRA will be established upon your execution of the TIAA Roth Individual Retirement Account Adoption Agreement. The Trust Company reserves the right to amend the Roth IRA Agreement as necessary to maintain the tax-qualified status of your Roth IRA and as described in the Agreement.

Securities and mutual fund investments fluctuate in value and are not guaranteed. Therefore, your IRA earnings and values are not projected.

The assets in your Roth IRA are nonforfeitable, although the value of your Roth IRA will fluctuate depending on its investment performance. It is important to note that investments made in your Roth IRA (i) do not constitute a deposit or represent an obligation of the Trust Company or its

affiliates; (ii) is not guaranteed by the Trust Company, or its affiliates, and (iii) are not a condition to any banking service or activity; and (iv) are subject to investment risk, including the possible loss of principal.

Any IRA funds in the TIAA-CREF Trust Company Cash Deposit Account are held at the Trust Company, which is a member of the FDIC. Cash balances in the Cash Deposit Account are FDIC-insured up to \$250,000 per account holder, combined with other insured deposits of the account holder at the Trust Company in the same ownership category.

Contributions to Your Roth IRA

Annual Contributions. Contributions generally must be made in cash. Subject to income eligibility described below, you may be able to make an annual contribution to your Roth IRA of up to \$5,500 (effective for 2017) each year or 100 percent of your compensation for the year, whichever is less. Cost of living adjustments may be made to the contribution limit. Individuals who turn age 50 during a tax year may make an additional annual catch-up contribution of up to \$1,000 for that tax year and subsequent tax years. The limit applies to the total amount of contributions that you make to all of your IRAs for the tax year, not including rollover contributions. Generally, compensation includes amounts that you receive for the performance of services, and does not include investment income. Contributions in excess of the limit are subject to an excise tax (see Tax Issues section, later).

The amount of annual contributions may be limited depending on your AGI. In 2017, your eligibility to contribute to a Roth IRA is phased out for AGI of \$118,000–\$133,000 for individuals filing single returns, for AGI of \$186,000–\$196,000 for married couples filing joint returns, and AGI of \$0–\$10,000 for married couples filing separate returns. The maximum annual Roth IRA contribution is reduced proportionately for AGI that exceeds the applicable dollar amount. The applicable dollar amount for individuals is \$118,000, \$186,000 for married couples filing joint returns, and \$0 for married individuals filing separate returns. Married individuals filing separate returns who have lived apart at all times during the past year are treated as individuals for purposes of determining AGI limits for contributions.

You are not required to make Roth IRA contributions for any tax year. Annual contributions can be made at any age. You may continue to make Roth IRA contributions after reaching age 70½. Contributions that are made for a tax year must be made by the due date for your tax return for that year without regard to extensions—generally, April 15th of the following year.

Rollover Contributions. You may roll over or transfer assets from one Roth IRA to another Roth IRA. Distributions from a designated Roth account in a 403(b) or 401(k) plan, or a deferred compensation plan of a state or local government (section 457(b) plan) may also be rolled over to a Roth IRA.

You also may be able to convert your Traditional IRA to a Roth IRA by rolling over your Traditional IRA assets to your Roth IRA. Distributions from a 401(a), 403(a), 403(b) or 401(k) plan, or a deferred compensation plan of a state or local government (section 457(b) plan) may also be converted and rolled over to a Roth IRA. If you convert a pre-tax amount to a Roth IRA you will owe taxes on any amounts not previously taxed for the tax year of the conversion.

The Trust Company reserves the right to determine whether to require a rollover contribution or transfer to be made in cash or to accept assets in kind.

Spouses receiving distributions from a deceased grantor's employer retirement plan or from an IRA are eligible to take advantage of the same rollover rules as grantors by rolling over the proceeds into their own Roth IRA.

Inherited IRA. An “inherited” Roth IRA is one you establish as the beneficiary of an eligible retirement plan (401(a), 401(k), 403(a), 403(b) or 457 (b) governmental plans) or Roth IRA, and eligible rollover distributions from these plans are paid over into your inherited Roth IRA on a tax-free basis. You cannot make additional contributions to your inherited Roth IRA. It must be established in the name of the deceased owner, and you must take annual beneficiary payments from the inherited Roth IRA as required by the Code.

Conversion Contributions. You may contribute all or any part of an eligible rollover distribution from a Traditional IRA, SEP IRA, SAR-SEP IRA, SIMPLE IRA, or a qualified plan (401(k), 403(b), or 457(b)) to a Roth IRA (“conversion contribution”) within sixty (60) days of receipt of the distribution or through a trustee-to-trustee transfer. In this case the one-rollover-per-year rule does not apply. You will be subject to income tax on the taxable portion of any conversion contribution, but the premature distribution penalty does not apply to amounts properly converted. Assets held in a SIMPLE IRA may be converted to a Roth IRA only after the expiration of the two-year period beginning on the date your employer first made contributions to your SIMPLE IRA plan maintained by your employer and as more fully described in Section 72(t)(6) of the Code. This taxable portion is the amount that would have been included in your income if you had actually taken a distribution from such IRA (the “conversion amount”). If you are under age 59½,

you will be subject to a 10% early withdrawal penalty on any amounts distributed from your IRA and not converted to a Roth IRA within sixty (60) days.

Recharacterizations. If you make a contribution to a Traditional IRA and later recharacterized either all or a portion of the original contributions to a Roth IRA along with net income attributable, you may elect to treat the original contributions as having been made to the Roth IRA. The same method applies when recharacterizing a contribution from a Roth IRA to a Traditional IRA. If you have converted from a Traditional IRA to a Roth IRA you may recharacterize the conversion along with net income attributable back to a Traditional IRA. If you have rolled over an eligible employer sponsored-retirement plan assets to a Roth IRA, you may recharacterized the rollover amount along with net income attributable to a Traditional IRA. The deadline for a recharacterization is your tax filing deadline (including any extension) for the year for which the original contribution was made or conversion or rollover completed.

Rollovers of Military Death Benefits. If you receive or have received a military death gratuity or a payment from the SGLI program, you may be able to roll over the proceeds to your Roth IRA. The rollover contribution amount is limited to the sum of the death benefits or SGLI payment received, less any such amount that was rolled over to a Coverdell Education savings account. Proceeds must be rolled over within one year of receipt of the gratuity or SGLI payment for deaths occurring on or after June 17, 2008. Any amount that is rolled over under the provision is considered nontaxable basis in your Roth IRA.

Qualified HSA Funding Distribution. If you are eligible to contribute to a health savings account (HSA), you may be eligible to take a one-time tax-free qualified HSA funding distribution from your Roth IRA and directly deposit it to your HSA. The amount of the qualified HSA funding distribution may not exceed the maximum HSA contribution limit in effect for the type of high deductible health plan coverage (i.e. single or family coverage) that you have at the time of the deposit, and counts toward your HSA contribution for that year. You may wish to obtain IRS Publication 969, Health Savings Accounts and Other Tax-Favored Health Plans, for further information.

Rollovers of Exxon Valdez Settlement Payments. If you receive a qualified settlement payment from Exxon Valdez litigation, you may roll over the amount of the settlement, up to \$100,000, reduced by the amount of any qualified Exxon Valdez income previously contributed to a Traditional or Roth IRA or eligible retirement plan in prior taxable years. You will have until your tax return due date (not including extensions) for the year in

which the qualified settlement income is received to make the rollover contribution. To obtain more information on this type of rollover, you may wish to visit the IRS website at www.irs.gov.

A Roth IRA for Your Spouse

If you meet the eligibility requirements, you may contribute to your own Roth IRA, and also to a separate Roth IRA for your spouse based on your compensation or earned income, regardless of whether your spouse has any compensation or earned income in the year for which the contribution is made. The permissible amount of your contributions will depend on your combined annual income. To make a contribution to a Roth IRA for your spouse, you must file a joint tax return with your spouse. Your spouse must set up a different Roth IRA, separate from your Roth IRA, to which you contribute.

If you and your spouse work, you may each establish your own Roth IRA and contribute to it in accordance with the rules discussed in this Disclosure Statement. Joint accounts are not permissible.

For 2017, you may each contribute up to \$5,500 (\$11,000 total), \$6,500 if you are age 50 or older (\$13,000 total), or 100 percent of your combined compensation if less, provided you file a joint tax return. If you file separate tax returns, each of you would be limited to a contribution of \$5,500 (\$6,500 if you are age 50 or older) or 100 percent of your respective compensation for the year, if less.

If your spouse is not employed, your spouse may establish an IRA and contribute up to \$5,500 (\$6,500 if he or she is age 50 or older) or 100 percent of your joint compensation (reduced by your own IRA contributions for the same year); whichever is less, provided you and your spouse file a joint tax return.

Your Roth IRA annual contribution limit is reduced by the amount of any contributions that you make for the same year to a Traditional IRA. Likewise, the spousal Roth IRA annual contribution limit is reduced by the amount of any contributions you make for the same year to a Traditional IRA maintained for your spouse.

Distribution Requirements

Generally, benefits from your Roth IRA should not begin before: (a) age 59½ (unless you die or are disabled or meet the qualified first time home buyer exception) and (b) the end of the five-year holding period applicable to the contributions or rollovers. In contrast to the required distribution rules applicable to a Traditional IRA, benefits from a Roth IRA are not required to begin by the April 1 following the

year you attain age 70½. However, your beneficiaries will be subject to required distributions upon your death.

Future Rollovers or Transfers

You can withdraw all or a portion of the assets in your Roth IRA and deposit them in another Roth IRA. Assets transferred to another Roth IRA will be subject to the provisions of that IRA. You may rollover IRA assets from any IRA you own once every twelve (12) months, beginning on the date of receipt. The once-a-year limitation does not apply in the case of a conversion from a Traditional IRA to a Roth IRA. Also, the once-a-year limitation applies only when you take a withdrawal and redeposit the assets yourself within sixty (60) days, not when assets are transferred directly from one Roth IRA to another. You may transfer assets directly between Roth IRAs at any time without limitation.

Tax Issues

Contributions to a Roth IRA are not deductible. When making a contribution during the period from January 1 through April 15 of any year, it is important that you indicate the tax year for which the contribution is made—the prior year or the year in which the contribution is made. Unless the Trust Company receives an indication from you to the contrary, it will treat any amount it receives as a contribution for the tax year in which it is received. If you contribute more than the permissible amount for any year and you fail to withdraw the excess and the earnings on the excess contribution, you are subject to a six (6) percent excise tax on the excess contribution for each tax year that it remains in the Roth IRA. Any dividends or growth of investments held in a Roth IRA generally are exempt from federal income taxation if the distribution is qualified as discussed below.

To be tax free, a withdrawal from your Roth IRA must meet two requirements: (1) you must have had a Roth IRA open for at least five (5) years before the withdrawal, and (2) at least one of the applicable conditions must be satisfied. The applicable conditions are as follows: the distribution is made after you have reached age 59½, or on account of your death or disability, or is being used to cover eligible first-time homebuyer expenses.

To the extent that distributions are taxable, they will be taxed in the year distributed. The tax treatment of a withdrawal depends on the character of the amounts withdrawn. All of your Roth IRAs are treated as one, and amounts withdrawn are considered to come out in the following order:

1. All annual contributions
2. All conversion amounts (on a first-in, first-out basis)
3. Earnings

An early distribution (before age 59½), including any amount deemed distributed as a result of a prohibited investment or transaction, is subject to a ten (10%) percent income tax penalty on the taxable portion of the distribution, unless it is

1. rolled over into another Traditional IRA,
2. made on account of your death or disability,
3. one of a series of substantially equal annual (or more frequent) payments over your lifetime or joint lifetime with your beneficiary (or based on your life expectancy or the joint life expectancy of you and your beneficiary),
4. made to pay medical expenses that are deductible for the tax year (i.e., in excess of ten (10%) percent of adjusted gross income),
5. made to pay health insurance premiums after your separation from employment if you have received unemployment compensation for twelve (12) consecutive weeks,
6. made for qualified first time home buyers to pay for qualified acquisition costs of up to \$10,000,
7. made to pay for qualified education costs for you, your spouse, or any child or grandchild of you or your spouse,
8. made on account of an IRS levy, or
9. the distribution is a qualified reservist distribution.

Taxable distributions are subject to withholding, generally at a rate of 10 percent, unless you specifically ask the Trust Company not to withhold taxes from your payment.

There is one additional time when the ten (10%) percent penalty tax may apply. If you convert an amount from a Traditional IRA to a Roth IRA, and then make a withdrawal that is treated as coming from that converted amount within five years after the conversion, the 10 percent penalty applies (unless there is an exception). Taxable distributions are subject to withholding, generally at a rate of ten (10%) percent, unless you specifically ask the Trust Company not to withhold taxes from your payment. You must be eligible to elect out of withholding. A rollover from a Traditional IRA to a Roth IRA is treated as a taxable distribution.

Tax Credit for Roth IRA Contributions. You may be able to receive a tax credit for your Roth IRA contribution. The maximum annual credit is \$1,000 per year. Eligibility for the credit, which is a percentage of the contribution amount, is determined by your AGI as indicated in the chart below, as well as other requirements. To determine your credit amount, multiply the applicable percentage below by the amount of your contributions that do not exceed \$2,000.

Joint Filers (AGI)	Heads of Households (AGI)	All Other Filers (AGI)	Credit Rate	Maximum Credit
\$0–\$37,000	\$0–\$27,750	\$0–\$18,500	50%	\$1,000
\$37,001–\$40,000	\$27,751–\$30,000	\$18,501–\$20,000	20%	\$400
\$40,001–\$62,000	\$30,001–\$46,500	\$20,001–\$31,000	10%	\$200
Over \$62,000	Over \$46,500	Over \$31,000	0%	\$0

Qualified Charitable Distributions. If you are age 70½ or older, you may be able to take a tax-free Roth IRA distribution of up to \$100,000 per year and have these distributions paid directly to certain charitable organizations. Special tax rules may apply. This provision applies to distributions on an annual basis if extended by Congress. For further information you may wish to obtain IRS Publication 590, *Individual Retirement Arrangements*, from the IRS or www.irs.gov.

Prohibited Investments. You cannot invest your IRA assets in life insurance contracts. Nor can your IRA assets be commingled with other property except in a common trust fund or common investment fund which satisfies the requirements of Code section 408(a)(5). The Code also prohibits IRA investments in collectibles (as defined in Code Section 408(m)), except as is otherwise permitted by Code Section 408(m)), which provides an exception for certain gold, silver, and platinum coins, coins issued under the laws of any state, and certain bullion. Any such investment will be treated as a distribution to you in the year of the investment.

Prohibited Transactions. If you or a beneficiary engage in a prohibited transaction with your Roth IRA as described in IRC section 4975, your Roth IRA will lose its tax-deferred or tax-exempt status, and you generally must include the value of the earnings in your account in your gross income for that taxable year.

Beneficiaries of your IRA

Omitted Children. Unless your Roth IRA beneficiary designation provides otherwise, a beneficiary designation designating your “children,” or the “children” of any other person as a class and not by name, will include all of your children or all of the children of such other person, as the case may be, whether born or legally adopted before or after the beneficiary designation is made. Unless your beneficiary designation provides otherwise, if you designate an individual who is your child, and if you have a child born or legally adopted after the date on which the Trustee accepts your Roth IRA beneficiary designation, your after-born or after adopted child will be entitled to receive a share of your Roth IRA otherwise transferable to any of your children who is (are) named in the beneficiary designation, computed in the manner prescribed by applicable law. In such event, your Roth IRA assets otherwise transferable to your children named in the beneficiary designation will be reduced in the proportion that their shares bear to each other. If you did not designate any of your children in the beneficiary designation as your beneficiaries, then any child of yours, who is born or legally adopted after the date on which the Trust Company accepts your beneficiary designation, will not receive any share of your Roth IRA. The Trust Company, however, has no obligation to transfer Roth IRA assets in the manner and as provided in this Section. The fact that the Trust Company is not so obligated does not affect the ownership interest of any after-born or after-adopted child in Roth IRA assets.

Documents Required upon Request for Transfer of Roth IRA Assets. Except to the extent you may have made certain distribution elections, if such elections are made available by the Trust Company based on its administrative and operational rules and practices, to transfer your Roth IRA assets to the beneficiaries you have named in your approved beneficiary designation in your Roth IRA Adoption Agreement, the Trust Company must timely receive (a) the appropriate form(s) requesting a transfer of IRA property; (b) any certificate or instrument evidencing ownership of the Roth IRA; (c) a certified or authenticated copy of your death certificate issued by an official or agency of the place where the death occurred showing the fact, place, date, time of death, and the identity of the decedent; (d) a certified or authenticated copy of the death certificate of each deceased named beneficiary, issued in the manner set forth above in paragraph (c); (e) a certified copy of the court order appointing the legal representative of your estate or of the estate of a deceased beneficiary when such legal representative made the request for transfer of Roth IRA assets; (f) a certified copy of the trust instrument which designates a trustee as a beneficiary of the Roth IRA, if applicable; (g) a certified copy of relevant birth certificates;

(h) an inheritance tax waiver from relevant states that require it; and (i) such other documents as the Trust Company may require, in its sole discretion. Further, prior to distributing any Roth IRA assets to or for the benefit of any beneficiary, the Trust Company may, in its sole discretion, require any and all beneficiaries or any such beneficiary's legal representative to sign any document it may deem necessary or appropriate to effect the transfer of Roth IRA assets including, but not limited to, an indemnification agreement in favor of the Trust Company to the extent of the value of the Roth IRA assets received by each such beneficiary.

The Trust Company may rely on, and has no duty to independently verify (a) any representation of facts made under oath or affirmation regarding the identity and personal information of named and unnamed beneficiaries received from any beneficiary, or beneficiary's attorney in fact, or the legal representative of your estate or of the estate of a deceased beneficiary; and (b) copies of death certificates received from any of the foregoing persons. A certified or authenticated copy of any report or record of a governmental agency, domestic or foreign, certifying that you or a beneficiary is missing, detained, dead or alive, and the dates, circumstances, and places disclosed by the record or report, in a form acceptable to the Trustee Company in its sole discretion, may be substituted for the death certificate referenced above.

No Obligation on Trust Company's Part. Notwithstanding any provisions in your Roth IRA Adoption Agreement or any other document governing the terms of your Roth IRA, the Trust Company has no duty to determine any fact or law that would (a) cause your beneficiary designation to be revoked, in whole or in part, as to any person because of a change in marital status or other reason; (b) qualify or disqualify any person to receive a share of your Roth IRA; or (c) vary the distribution of your Roth IRA. Further, the Trust Company has no obligation (a) to attempt to locate any beneficiary or the lineal descendants of any deceased beneficiary, or to determine whether a deceased beneficiary had lineal descendants who survived you; (b) to locate a trustee or custodian, obtain the appointment of a successor trustee or custodian, or discover the existence of a trust instrument or a will that creates an express trust; (c) to notify any person of the date, manner and persons to whom a transfer of IRA assets will be made under the beneficiary designation, except as may otherwise be provided in the IRA Adoption Agreement, any other document governing the terms of your IRA, or applicable law; (d) to question or investigate the circumstances of your death; or (e) to determine the age or any other facts concerning any beneficiary. The possibility that a beneficiary may disclaim, in whole or in part, the transfer of any interest in your Roth IRA will not require the Trust Company to

withhold making the transfer to such beneficiary in the normal course of its business.

Change or Revocation of Beneficiary Designations. You may change or revoke your beneficiary designation with respect to your Roth IRA at any time during your lifetime, by fully completing and submitting to the Trust Company a form acceptable to the Trust Company in its discretion. Any subsequently submitted beneficiary designation, which the Trust Company accepts, automatically revokes your prior beneficiary designation. This revocation takes effect when your subsequently submitted designation becomes effective, unless you have expressly provided otherwise in your subsequent designation. The effective date of any change to or revocation of a beneficiary designation is the date on which the Trust Company accepts your beneficiary designation. A beneficiary designation may not be changed or revoked by, and the Trust Company will not give effect to any proposed change or revocation made in, a verbal request or in your estate planning documents, including your pre-nuptial agreement, post-nuptial agreement, Last Will and Testament, a trust of which you are a grantor, or any other document you may have signed, except a properly submitted Form. The Trust Company will honor a beneficiary designation or change or revocation of a beneficiary designation, which a conservator, an attorney-in-fact, or other legal representative duly appointed to represent your interests may make on your behalf, if the instrument, including court order, which gives the authority to such person to represent your interests specifically authorizes such person to take such action for you. Prior to implementing such action, the Trust Company may require assurances from such conservator, attorney-in-fact or other legal representative in such form as the Trust Company deems appropriate in its sole discretion.

Legal Recourse. If the Trust Company needs assurances regarding any matter related to the proposed transfer of your IRA assets following your death based on your beneficiary designation, the Trust Company may, in its sole discretion, seek judicial determination as to its proper course of conduct, which determination will be binding on all parties claiming an interest in your IRA. All expenses, which the Trust Company incurs in such respect, including reasonable attorneys' fees and courts costs, will be borne by the IRA assets in such manner as the Trust Company determines, in its sole discretion. If any claimant files a lawsuit against the Trust Company with respect to any proposed or completed transfer of IRA assets to beneficiaries following your death, the Trust Company will be entitled to recover its reasonable attorneys' fees and court costs incurred in such lawsuit from such claimant and out of the property in the IRA, in such manner as the Trust Company determines, in its sole discretion.

Notification of Claim Adverse to Proposed Transfer. Following your death, the Trust Company will have no duty to withhold making a proposed transfer of your Roth IRA assets to your named beneficiary(ies) based on its knowledge of any fact or claim which is or may be adverse to its proposed transfer unless, before such transfer, the Trust Company receives a written notice from a claimant which sets forth: (a) the assertion of a claim of beneficial interest in the transfer which is adverse to the proposed transfer; (b) the name of the claimant and an address for communications directed to the claimant; (c) your name and the property to which the claim applies; and (d) a statement of the amount and nature of the claim as it affects the proposed transfer. The Trust Company must receive such notice at a place and time and in a manner which affords it a reasonable opportunity to act on it before the proposed transfer is made. The Trust Company will not be liable to any person for any damages resulting from its transfer of Roth IRA assets before it receives such notice, or after it received such notice but before it has had a reasonable opportunity to act on it. Following its receipt of any such notice by a claimant, the Trust Company will nevertheless have the right to make its proposed transfer of Roth IRA assets unless it is restrained by a court order. Any such court order must be obtained no later than thirty days after the date the Trust Company sends a notice to the claimant by certified mail or personal delivery at the address provided by the claimant in the claimant's notice, notifying the claimant that it may make the proposed transfer unless it is restrained by court order within thirty days after the date of such notice.

Miscellaneous. Your beneficiary designations and the transfer of your Roth IRA assets after your death are governed by the terms of the IRA Adoption Agreement and all other documents governing your Roth IRA, including these additional provisions, and by the laws of the State of Missouri in effect on the date of your death, without regard to the laws of conflict. Sections 461.003 to 461.081, including the rules of Section 461.062.3, RSMo (1989), paragraphs one (1) through fifteen (15) inclusively, are hereby incorporated in your IRA by this reference.

Disaster Related Relief. If you qualify (for example, you sustained an economic loss due to, or are otherwise considered affected by, certain IRS designated disasters), you may be eligible for favorable tax treatment on distributions, rollovers, and other transactions involving your Roth IRA. Qualified disaster relief may include penalty-tax free early distributions made during specified timeframes for each disaster, the ability to include distributions in your gross income ratably over multiple years, the ability to roll over distributions to an eligible retirement plan without regard to the sixty (60) day rollover rule, and more. For additional information on specific disasters, including a complete list of disaster areas, qualification, requirements for relief, and allowable disaster-related IRA transactions, you may wish to obtain IRS Publication 590, Individual Retirement Arrangements, from the IRS or the IRS website at www.irs.gov.

Tax Reporting

Each year, the Trust Company will send you a Form 5498, Individual Retirement Arrangement Information, to report the contributions you have made to your Roth IRA during the preceding year. It is your responsibility to file Form 8606 with your federal income tax return to report contributions to your Traditional IRA that are nondeductible or which you elect to be nondeductible for the tax year. It is your responsibility to file Form 8606 with your federal income tax return to report a conversion of a Traditional IRA to a Roth IRA, recharacterization of amounts converted to a Roth IRA, distributions from a Roth IRA or a recharacterization involving a Roth IRA contribution. The Trust Company will report distributions from your Roth IRA on Form 1099-R or other appropriate tax form.

It is your responsibility and, after your death, your beneficiary's responsibility, to file Form 5329, Return for Individual Retirement Arrangement Taxes, with the IRS to report additional taxes due on (i) excess contributions, (ii) premature distributions, (iii) insufficient distributions, and (iv) prohibited investments or transactions.

