



THE  
Albuquerque Archaeological Society  
*Newsletter*

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## FORAGING TO FARMING IN THE AMERICAN SOUTHWEST

**Bradley Vierra**

**7:30 PM, Tuesday February 21, 2017**  
**Albuquerque Museum of Art and History**  
**2000 Mountain Road NW**

The paper will discuss new research into understanding the transition from foragers to farmers in the American Southwest. This will include a discussion of the initial use and spread of maize cultivation across the region and the nature of early agricultural villages. The talk will then focus on the northern Rio Grande Valley as a specific example illustrating the details of how this process might have worked in this area of the Southwest.

Dr. Vierra earned his Ph.D. in anthropology from the University of New Mexico in 1992 and has been working as a professional in the field of archaeology since 1975. He has overseen projects across the southwestern states for various federal, state, and local agencies. His research interests involve studies of foraging societies, foraging technology, stone-tool technology, postglacial hunter-gatherer archaeology, and the beginnings of food production in the U.S. and European Southwest. This has involved working with Paleoindian and Archaic materials in the southwestern United States, and Upper Paleolithic, Epipaleolithic and Mesolithic materials in southwest Europe.

Dr. Vierra has published numerous articles and edited several books that reflect his interest in foraging societies and the transition to agriculture. Due out this fall from University of Utah Press is his edited volume *The Archaic Southwest: Foragers in an Arid Land*. Also upcoming is "The Southwest Archaic," a chapter co-authored with Maxine E. McBrinn in *The Oxford Handbook of Southwestern Archaeology*. Past publications edited by Vierra include *Mountain and Valley: Understanding Past Land Use in the Northern Rio Grande Valley* (2013); *From the Pleistocene to the Holocene: Human Organization and Cultural Transformations in Prehistoric North America*, co-edited with C. Britt, Bousman (2012); and *The Late Archaic Across the Borderlands: Foraging to Farming* (2005).

### **TIME TO RENEW!**

#### **AAS DUES FOR 2017 ARE NOW PAYABLE**

To those who haven't already renewed: please fill out the attached membership form and mail it with your check to Treasurer, Albuquerque Archaeological Society, PO Box 4029, Albuquerque NM 87196, or bring both to the meeting. Please don't be shy about showing interest in working with a committee or serving on the Board. Wider participation by the membership is needed and encouraged.

# MINUTES OF THE ALBUQUERQUE ARCHAEOLOGICAL SOCIETY

January 17, 2017

President Carol Chamberland called the meeting to order at 7:35 PM.

**Refreshments** were provided by Diane Courney and Robin Wakeland.

**December meeting minutes** were accepted as published in the Newsletter.

## TREASURER'S REPORT

John Guth happily reported that the 2016 budget "turned out as planned" and that Steven and Donna Rospopo will do an internal financial review and this summary will be in the February newsletter. The 2017 budget has been developed and approved by the board and will be published in the February newsletter for membership approval at the meeting.

## COMMITTEE REPORTS

**Membership – Judy Fair- Spaulding:** We have 79 new and renewing members thus far and many people were completing forms before this meeting began.

**Archiving – Joanne Magalis for Karen Armstrong:** The group worked on moving pottery from old shelves to temporary shelving while a new rolling shelf system is being completed. The group will begin archiving Pueblo III material from the Bolack ranch.

**Rock Art – John Richardson:** The team went out twice recently to explore future projects in the Cuba and Rio Puerco areas.

**Field Trips – Pat Harris:** A last-minute indoor field trip of the Mabel Lujan exhibit at the Albuquerque Museum has been arranged for Sunday January 22. A winter field trip to Socorro and Magdalena is scheduled January 28. Other trips are being planned.

## ANNOUNCEMENTS

Joan Mathien gave a financial report on the Betty Garrett scholarship at Western Michigan University, which was established in part by AAS members in memory of our first woman president, a graduate of that institution.

Nancy Woodworth reported on the Archaeological Society of New Mexico (ASNM) 2017 Annual Meeting in Moriarty on May 5 to 7.

Tom Windes said that the Office of Contract Archaeology is offering surplus past issues of their publications free to anyone who wants to go get them before they are shredded.

Carol Chamberland announced that AAS will host the ASNM 2018 Annual Meeting.

The business meeting adjourned at 7:45 PM, and Gretchen Obenauf introduced Matthew Schmader, who spoke about his archaeological work on the West Mesa between 1988 and 2007. Dr. Schmader provided the following synopsis of his presentation.

Respectfully submitted,

----*Ginger Foerster*, Secretary

## FOUR THOUSAND YEARS OF HOUSES AND SITE STRUCTURE: THE ARCHAIC TO ANCESTRAL TRANSITION IN THE MIDDLE RIO GRANDE VALLEY

By Matthew F. Schmader

The transition period from the end of the Archaic to the beginning of Ancestral Pueblo times has important challenges to research and understanding changes in social evolution in the greater Southwest. Locally, in the Rio Grande Basin near Albuquerque, numerous sites from this transitional period are found in the area broadly called the "West Mesa." The entire uplifted zone—or interfluvium—of the West Mesa between the two great drainages of

the Rio Grande and the Rio Puerco is an old exposed plain extending some 50 miles. Its archaeological importance comes partly from the amount of movement that occurred between the two river basins and partly from the visibility and exposure of sites on the mesa.

During a 20-year period between 1988 and 2007, several research projects were conducted by the author that helped shed light on the Archaic to Ancestral Pueblo transition. In aggregate, over 6,500 acres (about 10 square miles) were surveyed and more than 300 sites recorded. Some sites, such as lithic quarry areas on gravel ridges, covered 20 acres or more in extent and had as many as a dozen separate proveniences. Other sites contained ash-stained soil and exposures of charcoal lenses in arroyo cuts that upon excavation were revealed to be structural remains of early dwellings.

The simplest form of dwellings consisted of shallow, slightly packed basin-shaped floors with few perimeter posts and no interior hearth. Structures typically measured 2 to 3 meters in diameter and may have had one or more associated storage features. Radiocarbon dating determined that the oldest of these dwellings was about 5,000 years old—some of the oldest open-air Archaic domiciles found in central New Mexico. Structures dating between 2500 and 2900 BC were from the Middle Archaic San Jose phase (3200 to 1800 BC).

During the following Armijo phase of the Late Archaic period (1800 to 800 BC), there was little apparent change in structure form, although dwellings became more numerous. By the En Medio phase of the Late Archaic (800 BC to AD 400) dwellings were even more numerous and more variable in size than in the previous phases. The most notable changes were the first appearances of middens, or accumulated deposits of ash and debris, which resulted either from more intensive site occupations or the first re-occupations of sites. Increased sizes or numbers of storage features may have occurred by the Armijo phase, and increased architectural investment in floor preparations may have occurred by the En Medio phase. The first occurrence of multiple dwellings at a site, and of clusters of related sites, also happened during the Armijo phase.

Despite the slow rates of change and minor advancements in feature types, architecture displayed a remarkable stability for a period of nearly 3,000 years during the Archaic. It was not until the appearance of Ancestral Pueblo settlements along the banks of the Rio Grande beginning about AD 600 that rapid changes in architecture, technology, and site organization occurred. The rate of change that took place in just a century completely surpassed what had occurred in the prior several millennia. Dwellings were now deeper and larger in diameter, approaching 4 meters across and a meter deep. Internal features such as roof supports, ventilation systems, and storage pits were found. Importantly, larger adobe-collared hearths were built in the centers of house floors—an indication of social organization that did not exist before that time.

House size, as measured by floor area, did not increase during the early Ancestral Pueblo period, however. Some of the largest structures were built early in the period (circa AD 600 to 750) while later houses (circa AD 750 to 900) tended to be more variable in size. In other words, there was no linear trend in the construction of larger house sizes as time elapsed.

## **MINUTES OF THE JANUARY MEETING OF THE AAS BOARD OF DIRECTORS**

### **January 13, 2017**

Carol Chamberland convened the meeting at 6:05 PM at the North Domingo Baca Multigenerational Center in Albuquerque. She welcomed Judy Fair-Spaulling as new Membership Committee Chair and Ginger Foerster as Secretary.

Attendees: Carol Chamberland, Gretchen Obenauf, Ethan Ortega, Ginger Foerster, John Guth, Evan Kay, Marc Thompson, Judy Fair-Spaulling, Dick Harris, Pat Harris, and Helen Crotty.

#### **VICE PRESIDENT'S REPORT**

Gretchen Obenauf reported on speaker lineup for January and February, 2017 with Matt Schmader and Brad Vierra presenting, respectively. Gretchen, Marc Thompson, and Ethan Ortega have other speakers in mind and agreed to contact them to fill out the speaker roster for 2017.

## TREASURER'S REPORT

John Guth distributed copies of the 2016 financial summary, noting that the budget had “come out as planned.” He stated that membership is our main income and “Judy's position is so important” because we need the membership renewals and new members. He also distributed copies of the proposed budget for 2017, and commented that funds will be provided for the 50<sup>th</sup> anniversary volume when they are needed. Gretchen moved and Evan Kay seconded the motion to present the proposed budget to the membership for approval at the February meeting. Motion approved by Board. [The 2016 Report and the Proposed Budget for 2017 are attached.]

**2016 Internal Financial Review:** Steven and Donna Rospopo will be asked to perform the 2016 review.

**Archival AAS records at Hibben Center:** John inventoried the existing AAS records at the Hibben Center and added our financial records dating back to 2009.

## COMMITTEE REPORTS

**Field trips:** Pat Harris reported on trips for 2017 with the first on January 28. She is still taking suggestions. Pat stated that there is a need to obtain permits for trips on state land and John agreed to pursue permitting.

**Archiving:** Ginger said that the group is moving items to make room for a new rolling shelf system. The group will also be archiving items from the Bolack ranch.

**Membership:** Judy reported the 40 members have renewed thus far and that she has created standardized thank you letters. She will get a sample reminder letter from Gretchen to send out in March. There were 10 more memberships as of this date. It was suggested that AAS water bottles be given to new members.

**Newsletter:** Helen Crotty presented for discussion that the phone numbers of the Board members no longer be published in the Newsletter but rather can be obtained from the Membership Directory—or Board members can be contacted through info@abqarchaeology.org. The board agreed.

**Rock Art:** Dick Harris said that the group is idle for the winter because the southern, warmer sites have been completed and the winter weather is affecting mapping of northern areas due to snow, cold, and higher elevations. The team will pursue a winter project on private land.

## OTHER TOPICS

**Board meeting venues:** we need a venue roughly four times a year and Ginger offered to talk with the North Domingo Baca people about continuing to meet in the facility.

**ASNM Annual Meeting 2017 in Moriarty:** The Board discussed having a table to advertise our activities and for membership sign up. Gretchen and Judy will follow up.

**ASNM Annual Meeting in Albuquerque 2018:** after discussion Ethan made a motion for AAS to host the 2018 Archaeological Society of New Mexico Annual Meeting. The motion was seconded by Evan Kay, and unanimously approved by Board vote. Carol will contact the ASNM president with this proposal.

**Bylaws modification for election procedures:** Carol opened a discussion on nomination procedures. The consensus was that we will request nominations from the floor at the October meeting and again at the November (per bylaws).

**Meeting time and day:** Ethan asked for clarification on rationale for the third Tuesday meeting time. After discussion about alternatives it was decided that the current time, day, and venue are the best for the most members and will remain the same.

**Standard operating procedures for Board and committee members:** Marc Thompson asked about providing SOPs to Board and committee members, and John said he will scan the existing 2002 SOPs and provide them to Board members.

Meeting was adjourned at 7:45 PM.

Respectfully submitted,

----Ginger Foerster, Secretary

## **FEBRUARY 25 FIELD TRIP FILLED FROM ONLINE ANNOUNCEMENT WAIT LIST SIGNUPS ENCOURAGED**

Because of timing, notice of a tour of the Special Collections at the Maxwell Museum and the Hibben Centers was sent on February 3 to AAS members with email addresses on file, and the 30 slots for the tour were promptly filled. Field Trip Chair Pat Harris advises members to continue to sign up on the wait list, as there are always dropouts, and if enough interest is shown, a repeat tour can be planned in the future. Drop-ins will not be accepted at the door on February 25.

The tours will be hosted by Special Collections Managers Meghan Truckey and Karen Price. At the Hibben Center, the group will see the Anthropology/Archaeology collections in the pot room and drawers. As a special bonus, there will be stations relating to past lectures: AAS members (and 2016 ASNM Bice award Winners) Carolyn Gilmore and Deborah Ellis will present artifacts and pottery from Kuaua and Santiago Pueblos; AAS Vice President Ethan Ortega will show boxes of bones from Kuaua and the locations where they were found on the site; and AAS Archiving Crew Chair Karen Armstrong will display six large corrugated ollas (storage jars) and two Mesa Verde-style mugs from Collection Box B of the Bolack Ranch site, as well as materials and techniques used in processing artifacts. At the Maxwell Museum, the ethnology collections, consisting of Southwest and international textiles, baskets, and costumes will be toured.

To sign up for the wait list, email [trips@abqarchaeology.org](mailto:trips@abqarchaeology.org). Field trips are open to current members only.

## **BUS TOUR OPPORTUNITY TO GILA CLIFF DWELLINGS MIMBRES MUSEUMS AND SILVER CITY APRIL 8–9**

The Friends of Coronado Historic Site have invited interested members of other ASNM affiliate societies to join them for a Tour New Mexico, Inc., bus tour to the Deming Luna Mimbres Museum, Silver City, the Gila Cliff Dwellings, and the Mimbres Culture Heritage Site. Cost of \$263 (double occupancy) or \$319 (single) includes transportation, lodging at the Murray Hotel in Silver City, museum and Gila Cliff Dwelling admissions, and continental breakfast and box lunch on Sunday. Participants bring their own bag lunch for Saturday and buy an optional dinner with the group at the Buckhorn Saloon and Opera House in the old mining town of Pinos Altos or on their own in Silver City. For more information, contact Friends of Coronado Site tour chairman Ron Overley <[roverley@comcast.net](mailto:roverley@comcast.net)> or request tour application directly from Tour New Mexico <[tournewmexico.com](http://tournewmexico.com)> or 505-883-9178.

## **FRIDAY EVENING SPEAKERS ANNOUNCED FOR ASNM ANNUAL MEETING IN MORIARTY MAY 5–7**

The 2017 Annual Meeting of the Archaeological Society of New Mexico, hosted by the Torrance County Archaeological Society will be off to an early start at Moriarty Civic Center May 5. Three speakers will give an overview of the theme “The Peopling of Central New Mexico: Paleo to Pueblo” starting at 6:30 PM. Bruce Huckell will speak on recent thinking about the early peopling of the Americas, Bradley Vierra will develop current ideas concerning transition from hunter-gather to agriculture; and Michael Bletzer will summarize recent findings on the dissolution of the Salinas Pueblos and out-migration. An optional enchilada buffet will be available at 6 PM.

Vendors and information table hours will be from 3 to 9 pm on Friday and from 8 am to 7 pm on Saturday. The program on Saturday morning May 6 will feature a series of invited papers dealing with various aspects from the entire period. Time has been reserved for volunteered papers in an afternoon session after the annual business meeting. The Awards Banquet and Bandelier Lecture will follow a social hour in the evening. The Bandelier speaker will be David Kilby. A selection of field trips will be offered on Sunday, May 7.

Early booking is advised for ASNM group rates at two nearby Moriarty motels: Quality Inn (505-832-6666, choose option 2 to reach the Moriarty front desk) \$80 plus taxes per night for one king or two double beds, full hot breakfast included, (no elevator, for ground floor room, reserve early); Sunset Motel (505-832-4234) \$62 to \$69).

Registration form and online registration form as well as a call for papers, posters, and vendors are posted on the TCAS and ASNM websites <tcasnm.org> and <newmexico-archaeology.org>. Papers and posters related to the theme “Peopling of Central New Mexico” are especially desirable, while papers and posters on other archaeological or anthropological topics will be welcome and included as time and space permit. Contact Nancy Woodworth <nancywoodworthnm@gmail.com> for vendor or information table requests with those words in the in the subject line.

## CALENDAR CHECK

### *Free Lectures*

**“How Humans & Apes Are Different and Why It Matters”** by Agustín Fuentes Thursday, February 23 at 7:30 PM in UNM Anthropology Lecture Hall 163. Journal of Anthropological Research Distinguished Lecture.

**“Human Niche, Human Behavior, Human Nature”** by Agustín Fuentes Friday, February 24 at 12 PM in UNM Anthropology 248. Journal of Anthropological Research Specialized Seminar.

### *Conferences*

**Archaeological Society of New Mexico Annual Meeting** May 5–7, 2017, Moriarty Civic Center. Online registration, call for papers, posters, and vendors and more information at <tcasnm.org> and <newmexico-archaeology.org>.

**Pecos Conference** August 10–13, at Pecos, New Mexico. Preliminary notice.

## ALBUQUERQUE ARCHAEOLOGICAL SOCIETY

PO Box 4029, Albuquerque, NM 87196

[www.abqarchaeology.org](http://www.abqarchaeology.org)

[www.facebook.com/abqarchsoc](https://www.facebook.com/abqarchsoc)

**Annual Dues:** For emailed Newsletter: Student no charge (provide copy of current ID); Basic \$25; Sustaining \$35+. Print Newsletter by First Class Mail: Basic \$30; Sustaining \$40. Institutions/Libraries: \$10 for print Newsletter by First Class Mail, emailed Newsletter at no charge.

### 2016 OFFICERS, DIRECTORS, AND COMMITTEE CHAIRS

To contact officers or committee chairs, email [info@abqarchaeology.org](mailto:info@abqarchaeology.org) or consult Membership Directory.

Current members can sign up for field trips at meetings or by emailing [trips@abqarchaeology.org](mailto:trips@abqarchaeology.org).

<b>Officers</b>	<b>Standing Committee Chairs</b>	<b>Committee Chairs (continued)</b>
President Carol Chamberland Vice Presidents: Gretchen Obenauf Ethan Ortega Secretary: Ginger Foerster Treasurer: John Guth <b>Directors:</b> Evan Kay Marc Thompson	Membership: Judy Fair-Spaulding Newsletter: Helen Crotty Mailer: Lou Schuyler Archiving: Karen Armstrong Rock Art Recording: Dick Harris Carol Chamberland Greeter: Sally McLaughlin	Field Trips Pat Harris Steve Rospopo Refreshments: Ann Carson Publicity: Evan Kay <i>Pottery Southwest</i> Editor: M. Patricia Lee Contact: Arlette Miller <b>Webmaster</b> Evan Kay

2017

**ALBUQUERQUE ARCHAEOLOGICAL SOCIETY MEMBERSHIP FORM**

Renewal \_\_\_\_ New \_\_\_\_

Name(s): \_\_\_\_\_

\_\_\_\_\_

Address: \_\_\_\_\_

Phone Number(s): \_\_\_\_\_

Email Address(es): \_\_\_\_\_

*(Please print email in capital letters to avoid confusing lower case letters, "r" and "v" for example)*

Please check this box if you do **not** wish your information to be printed in our annual directory. (Federal law prohibits disclosing members' contact information to anyone outside of the organization.)

Please select a **Membership category AND** a **Newsletter** category:

**Membership category:**

Individual \_\_\_\_ Family \_\_\_\_ (no difference in dues)

**Electronic newsletter:**

Basic: \$25.00 \_\_\_\_ Student with current ID: **Free** Sustaining: \$35.00+ \_\_\_\_

**Newsletter by first class mail:**

Basic \$30.00 \_\_\_\_ Sustaining: \$40.00+ \_\_\_\_

**Institutions/Libraries:**

\$10.00 \_\_\_\_ (newsletter sent by first class mail)

Free \_\_\_\_ (electronic newsletter only)

**I/We would be interested in working with the following committees:**

- Greeters (name tags & guest signup at meetings);
- Membership (keep track of membership lists and send renewal notices) and/ or---
- Assist Membership chair with display and signups at archaeological events;
- Field Trips (arrange for trip or assist chair with signups and follow up);
- Laboratory (assist with Hibben Center archival work);
- AAS *Newsletter* editorial assistant/trainee;
- AAS 50<sup>th</sup> Anniversary Volume Editor, assistant, researcher;
- Board of Directors and position desired;
- Other (describe on back).

Under the **Join AAS** tab on our website [abqarchaeology.com](http://abqarchaeology.com) please click the upper right Pop-up icon to print this form, fill it out, and mail the form and your membership dues check (payable to the Albuquerque Archaeological Society or AAS) to:

**Treasurer, Albuquerque Archaeological Society, P.O. Box 4029, Albuquerque, NM 87196**

Questions about Membership? (address or email changes, current dues verification, etc.): Email [info@abqarchaeology.org](mailto:info@abqarchaeology.org)

<b>AAS 2016 Financial Summary</b>		
Internal Financial Review performed by Donna & Steve Rospopo on 1/19/2017		
Approved by Board 1/24/2017		
<b>BEGINING BALANCE</b>	<b>1/1/2016</b>	<b>\$</b>
Checking		<b>5,476.67</b>
Investments		<b>13,000.00</b>
<b>Net Value</b>		<b>18,476.67</b>
<b>INCOME</b>		
Membership Dues		<b>3,915.00</b>
PSW & AAS Books & CDs		<b>97.00</b>
Donations		<b>0.00</b>
Interest		<b>126.63</b>
<b>Income total</b>		<b>4,138.63</b>
<b>EXPENSES - Operating</b>		
ABQ Museum		<b>1,264.18</b>
Speaker Reimbursements		<b>367.17</b>
Post Office Box & Postage		<b>315.75</b>
Office Supplies & Copies		<b>315.45</b>
Internet		<b>221.39</b>
ASNM Affiliate Dues		<b>65.00</b>
State of NM Fees		<b>21.25</b>
<b>Operating Expenses total</b>		<b>2,570.19</b>
<b>EXPENSES - Programs</b>		
AAS 50th Anniversary		<b>2,092.46</b>
The Archaeological Conservancy 500th Site		<b>1,000.00</b>
ASNM Scholarship Fund		<b>500.00</b>
Archaeology Southwest Membership		<b>100.00</b>
<b>Programs Expenses total</b>		<b>3,692.46</b>
<b>INVESTMENTS</b>		
CD 5013 0.90% 6/30/17		<b>4,000.00</b>
CD 5047 1.24% 6/30/18		<b>2,000.00</b>
CD 5054 1.24% 6/30/18		<b>2,000.00</b>
CD 5021 1.19% 6/30/19		<b>3,000.00</b>
CD 5039 1.19% 6/30/19		<b>2,000.00</b>
<b>Investments total</b>		<b>13,000.00</b>
<b>ENDING BALANCE</b>	<b>12/31/2016</b>	
<b>Checking</b>		<b>3,352.65</b>
<b>Investments</b>		<b>13,000.00</b>
<b>Net Value</b>		<b>16,352.65</b>
<b>Net Change</b>		<b>(2124.02)</b>

# AAS 2017 BUDGET PLAN

1/13/2017

- Continue to obtain most income from membership dues.
- Set dues to cover operating expenses, with some left over for program activities.
  - Currently \$25 for individuals and families/partners
- Continue to contribute to regional Programs of interest to AAS as budget permits, allow checking or CD balances to drift down.
- Maintain laddered CDs to have timely access to fund should an appropriate program opportunity arise with funding requirements in excess of the checking balance.

<b>BEGINING BALANCE</b>	<b>1/1/2017</b>		\$
Checking, actual			<b>3,352.65</b>
Investments			<b>13,000.00</b>
<b>Net Value</b>			<b>16,352.65</b>
<b>ESTIMATED INCOME</b>			
Membership Dues			<b>3,500.00</b>
PSW & AAS Books & CDs			<b>50.00</b>
Donations			<b>0.00</b>
Interest			<b>120.00</b>
<b>Income total</b>			<b>3,670.00</b>
<b>ESTIMATED EXPENSES - Operating</b>			
ABQ Museum			<b>1,300.00</b>
Speaker Reimbursements			<b>350.00</b>
Office Supplies & Copies			<b>300.00</b>
Internet			<b>250.00</b>
Post Office Box & Postage			<b>250.00</b>
ASNM Affiliate Dues			<b>40.00</b>
State of NM Fees			<b>10.00</b>
<b>Operating Expenses total</b>			<b>2,500.00</b>
<b>ESTIMATED EXPENSES - Programs</b>			
Archaeology Southwest Membership			<b>100.00</b>
ASNM Scholarship Fund Contribution			<b>500.00</b>
Laurie Webster Cedar Mesa Perishables Project			<b>500.00</b>
Archaeological Conservancy Holmes Site			<b>1,000.00</b>
<b>Programs Expenses total</b>			<b>2,100.00</b>
<b>INVESTMENTS</b>			
CD 5013 0.90% 6/30/17			<b>4,000.00</b>
CD 5047 1.24% 6/30/18			<b>2,000.00</b>
CD 5054 1.24% 6/30/18			<b>2,000.00</b>
CD 5021 1.19% 6/30/19			<b>3,000.00</b>
CD 5039 1.19% 6/30/19			<b>2,000.00</b>
<b>Investments total</b>			<b>13,000.00</b>
<b>ESTIMATED ENDING BALANCE 12/31/2017</b>			
<b>Checking</b>			<b>2,422.65</b>
<b>Investments</b>			<b>13,000.00</b>
<b>Net Value</b>			<b>15,422.65</b>
<b>Potential Net Change</b>			<b>(930.00)</b>