

**NOTICE:**

**These brochure supplements provide information about the Investment Adviser Representatives (IARs) of EMPIRITRAGE (“EMPIRITRAGE”) and ALPHA ARCHITECT, LLC (“ALPHA ARCHITECT”). This information supplements the EMPIRITRAGE brochure. You should have received a copy of that brochure. Please contact compliance at 215-882-9983, if you did not receive the brochure of EMPIRITRAGE. You can also contact Dr. Wes Gray if you have any questions about the content of attached supplements. Additional information about the IARs delineated within these supplements is available on the Investment Adviser Public Disclosure website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov). You can search this website by using the IAR’s CRD number as listed herein.**

**Brochure Supplement**  
(Part 2B of Form ADV)

**Investment Adviser Representatives  
of  
EMPIRITRAGE  
And  
ALPHA ARCHITECT**

**213 Foxcroft Road  
Broomall, PA 19008**

**Telephone: 215-882-9983  
Email: [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com)**

October 2, 2014

**A. GENERAL REQUIREMENTS**

Generally, EMPIRITRAGE (“EMPIRITRAGE”) requires employees to have relevant work experience in the securities industry. Any employee of EMPIRITRAGE acting in an Investment Adviser Representative (IAR) capacity will be appropriately licensed or registered as such.

**B. INVESTMENT ADVISER REPRESENTATIVE INFORMATION**

We currently have six (7) investment adviser representatives employed by EMPIRITRAGE.

**NOTICE:**

**This brochure supplement provides information about YANG XU that supplements EMPIRITRAGE's brochure. You should have received a copy of that brochure. Please contact Compliance at 215-882-9983, if you did not receive the brochure of EMPIRITRAGE. You can also contact Dr. Wes Gray if you have any questions about the content of attached supplement. Additional information about the IAR delineated within this supplement is available on the Investment Adviser Public Disclosure website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov) . You can search this website by using the IAR's CRD number as listed herein.**

---

**PATRICK CLEARY**

**INVESTMENT ADVISER REPRESENTATIVE**

---

**Brochure Supplement**

(Part 2B of Form ADV)

**EMPIRITRAGE**

**And**

**ALPHA ARCHITECT**

**213 Foxcroft Road**

**Broomall, PA 19008**

**Telephone: 215-882-9983**

**Email: [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com)**

October 2, 2014

## **ITEM 2 EDUCATIONAL AND BUSINESS EXPERIENCE**

---

**Patrick Cleary, Managing Member**

CRD No. 6394372

Year of Birth: 1982

**Education Background:**

MBA, Harvard Business School, Cambridge, MA

(9/08 – 5/10)

BS, Economics, The Wharton School at the University of Pennsylvania,  
Philadelphia, PA

(9/00 – 5/04)

**Business Experience:**

***Managing Member***

EMPIRITRAGE, Broomall, PA

(10/2014 – Present)

***Director, Strategy and Corporate Development***

Algeco Scotsman, Baltimore, MD

(2/2014 – 9/2014)

***Project Leader, Consultant***

Boston Consulting Group, Philadelphia, PA

(8/2010 – 2/2014)

***Combat Engineer Officer***

United States Marine Corps

(10/2004 – 8/2008)

## **ITEM 3 DISCIPLINARY INFORMATION**

---

None. Mr. Cleary, Investment Adviser Representative, does not have any legal or disciplinary events material to a client's or prospective client's evaluation.

## **ITEM 4 OTHER BUSINESS ACTIVITIES**

---

None.

## **ITEM 5 ADDITIONAL COMPENSATION**

---

None. Mr. Cleary, Investment Advisor Representative, does not receive any economic benefit from any third party for providing advisory services.

## **ITEM 6    SUPERVISION**

---

IARs are supervised by Dr. Wesley Gray and David Pardee Foulke. Dr. Gray and Mr. Foulke may be contacted by calling (215) 882-9983 or by emailing [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com).

**NOTICE:**

**This brochure supplement provides information about WESLEY ROBERT GRAY that supplements EMPIRITRAGE's brochure. You should have received a copy of that brochure. Please contact Wesley Gray at 215-882-9983, if you did not receive the brochure of EMPIRITRAGE. You can also contact Dr. Wes Gray if you have any questions about the content of attached supplement. Additional information about the IAR delineated within this supplement is available on the Investment Adviser Public Disclosure website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov). You can search this website by using the IAR's CRD number as listed herein.**

---

**WESLEY ROBERT GRAY**

**INVESTMENT ADVISER REPRESENTATIVE**

---

**Brochure Supplement**

(Part 2B of Form ADV)

**EMPIRITRAGE**

**And**

**ALPHA ARCHITECT**

**213 Foxcroft Road**

**Broomall, PA 19008**

**Telephone: 215-882-9983**

**Email: [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com)**

October 2, 2014

## ITEM 2 EDUCATIONAL AND BUSINESS EXPERIENCE

---

### **Wesley R. Gray, Executive Managing Member, COO**

CRD No. 4233964

Year of Birth: 1980

#### Education Background:

PhD, Finance, University of Chicago, Chicago, IL

(9/02 – 6/04, 1/08 – 6/10)

MBA, Finance, University of Chicago, Chicago, IL

(9/02 – 6/04, 1/08 – 6/10)

BS, Economics, the Wharton School at the University of Pennsylvania, Philadelphia, PA

(2002)

#### Business Experience:

##### ***Executive Managing Member***

EMPIRITRAGE, Broomall, PA

(6/10 – Present)

##### ***Assistant Professor of Finance***

DREXEL UNIVERSITY, Philadelphia, PA

(9/10 – Present)

##### ***Executive Managing Member (Real Estate Holding Company)***

EMPIRICAL FINANCE, LLC, Collingswood, NJ

(1/08 – Present)

##### ***Ground Intelligence Officer***

United States Marine Corps, Marine Corps Office, 0203

(6/04 – 2/08)

## ITEM 3 DISCIPLINARY INFORMATION

---

None. Dr. Wes Gray does not have any legal or disciplinary events material to a client's or prospective client's evaluation.

## ITEM 4 OTHER BUSINESS ACTIVITIES

---

Dr. Wes Gray is an Assistant Professor of Finance at Drexel University's Lebow College of Business where his research focus is on value investing and behavioral finance. Dr. Wes Gray teaches graduate investments and an advanced-level course on hedge fund strategies and operations. Wes also owns Empirical Finance, LLC, a real-estate holding company that is not offered to clients and represents personal investments.

## **ITEM 5    ADDITIONAL COMPENSATION**

---

None. Dr. Wes Gray does not receive any economic benefit from any third party for providing investment advisory services.

## **ITEM 6    SUPERVISION**

---

Dr. Wes Gray is an Investment Adviser Representative of EMPIRITRAGE. Dr. Wes Gray is also responsible for supervising personnel and for the administration of the firm's operations. As the Firm Supervisor, Dr. Wes Gray is responsible for the complete oversight of your IAR's activity. As Firm Supervisor, he reviews client trades and the adviser's trades on a regular basis through our project/task management software system. Additionally, Dr. Wes Gray ensures that IARs, sales assistants and other branch office staff adhere to applicable laws, regulations and firm policies regarding the discharge of their duties. Suspected violations are referred to the proper channels within the firm for further investigation and, if necessary, disciplinary action.



**NOTICE:**

**This brochure supplement provides information about CARLTON HARRINGTON KANNER that supplements EMPIRITRAGE's brochure. You should have received a copy of that brochure. Please contact Compliance at 215-882-9983, if you did not receive the brochure of EMPIRITRAGE. You can also contact Dr. Wes Gray if you have any questions about the content of attached supplement. Additional information about the IAR delineated within this supplement is available on the Investment Adviser Public Disclosure website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov) . You can search this website by using the IAR's CRD number as listed herein.**

---

**CARLTON HARRINGTON KANNER**

**INVESTMENT ADVISER REPRESENTATIVE**

---

**Brochure Supplement**

(Part 2B of Form ADV)

**EMPIRITRAGE**

**And**

**ALPHA ARCHITECT**

**213 Foxcroft Road**

**Broomall, PA 19008**

**Telephone: 215-882-9983**

**Email: [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com)**

October 2, 2014

## **ITEM 2 EDUCATIONAL AND BUSINESS EXPERIENCE**

---

### **Carlton Harrington Kanner, Managing Member**

CRD No. 5806244

Year of Birth: 1986

#### **Education Background:**

BS, Business Administration with a concentration in Finance, Babson College,  
Babson Park, MA  
(9/06 – 5/09)

Loyola Marymount University, Los Angeles, CA  
(6/05 – 8/06)

#### **Business Experience:**

##### ***Managing Member***

EMPIRITRAGE, Broomall, PA (6/10 – Present)

##### ***Management***

PUBCO CORPORATION, Cleveland, OH (based) (4/09 – Present)

##### ***Managing Member***

EIS CAPITAL PARTNERS, Cleveland, OH (8/07 – 12/10)

##### ***Sales/Intern***

CUFFS CLOTHING STORE, Chagrin Falls, OH (9/03 – 6/07)

##### ***Intern***

FIRST BANK OF BEVERLY HILLS, Calabasas, CA (2/06 – 5/06)

## **ITEM 3 DISCIPLINARY INFORMATION**

---

None. Mr. Kanner, Investment Adviser Representative, does not have any legal or disciplinary events material to a client's or prospective client's evaluation.

## **ITEM 4 OTHER BUSINESS ACTIVITIES**

---

Yes. Carlton Kanner currently serves in an operational role with Pubco, a manufacturing firm that is 100% owned by his family.

## **ITEM 5    ADDITIONAL COMPENSATION**

---

None. Mr. Kanner, Investment Advisor Representative, does not receive any economic benefit from any third party for providing advisory services.

## **ITEM 6    SUPERVISION**

---

IARs are supervised by Dr. Wesley Gray and David Pardee Foulke. Dr. Gray and Mr. Foulke may be contacted by calling (215) 882-9983 or by emailing [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com).

**NOTICE:**

**This brochure supplement provides information about DAVID PARDEE FOULKE that supplements EMPIRITRAGE's brochure. You should have received a copy of that brochure. Please contact Compliance at 215-882-9983, if you did not receive the brochure of EMPIRITRAGE. You can also contact Dr. Wes Gray if you have any questions about the content of attached supplement. Additional information about the IAR delineated within this supplement is available on the Investment Adviser Public Disclosure website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov) . You can search this website by using the IAR's CRD number as listed herein.**

---

**DAVID PARDEE FOULKE**

**INVESTMENT ADVISER REPRESENTATIVE**

---

**Brochure Supplement**

(Part 2B of Form ADV)

**EMPIRITRAGE**

**And**

**ALPHA ARCHITECT**

**213 Foxcroft Road**

**Broomall, PA 19008**

**Telephone: 215-882-9983**

**Email: [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com)**

October 2, 2014

## **ITEM 2 EDUCATIONAL AND BUSINESS EXPERIENCE**

---

**David P. Foulke, Managing Member, Chief Compliance Officer**

CRD No. 2721529

Year of Birth: 1966

### **Education Background:**

MBA, Finance, the Wharton School at the University of Pennsylvania, Philadelphia, PA

(9/93 – 5/95)

AB, Government, Dartmouth College, Hanover, NH

(9/85 – 6/89)

### **Business Experience:**

#### ***Managing Member***

EMPIRITRAGE, Broomall, PA

(7/13 – Present)

#### ***Senior Vice President***

PARDEE RESOURCES COMPANY, Philadelphia, PA

(1/03 – 7/13)

#### ***Co-Founder***

CASTLE DISTRIBUTORS, INC. DBA STONELOCATOR, New York, NY

(2002 – 2003)

#### ***Senior Associate***

HOULIHAN LOKEY CAPITAL, Inc., San Francisco, CA

(2001)

#### ***Director of Business Development***

E-LINGO CORPORATION, San Mateo, CA

(1998 – 2000)

#### ***Associate***

GE CAPITAL CORPORATION, Stamford, CT

(1997 – 1998)

#### ***Associate***

BURNHAM FINANCIAL GROUP, New York, NY

(1995 – 1997)

### **ITEM 3    DISCIPLINARY INFORMATION**

---

None. Mr. Foulke, Investment Adviser Representative, does not have any legal or disciplinary events material to a client's or prospective client's evaluation.

### **ITEM 4    OTHER BUSINESS ACTIVITIES**

---

None.

### **ITEM 5    ADDITIONAL COMPENSATION**

---

None. Mr. Foulke, Investment Advisor Representative, does not receive any economic benefit from any third party for providing advisory services.

### **ITEM 6    SUPERVISION**

---

Mr. Foulke is the Chief Compliance Officer and is therefore responsible for the oversight of your IAR's activity. Mr. Foulke reviews client trades and the adviser's trades on a regular basis through our project/task management software system. Additionally, Mr. Foulke ensures that IARs, sales assistants and other branch office staff adhere to applicable laws, regulations and firm policies regarding the discharge of their duties. Suspected violations are referred to the proper channels within the firm for further investigation and, if necessary, disciplinary action. IARs are supervised by Dr. Wesley Gray and David Pardee Foulke. Dr. Gray and Mr. Foulke may be contacted by calling (215) 882-9983 or by emailing [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com).

**NOTICE:**

**This brochure supplement provides information about JOHN ROBERT VOGEL that supplements EMPIRITRAGE's brochure. You should have received a copy of that brochure. Please contact Compliance at 215-882-9983, if you did not receive the brochure of EMPIRITRAGE. You can also contact Dr. Wes Gray if you have any questions about the content of attached supplement. Additional information about the IAR delineated within this supplement is available on the Investment Adviser Public Disclosure website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov) . You can search this website by using the IAR's CRD number as listed herein.**

---

**JOHN (JACK) ROBERT VOGEL**

**INVESTMENT ADVISER REPRESENTATIVE**

---

**Brochure Supplement**

(Part 2B of Form ADV)

**EMPIRITRAGE**

**And**

**ALPHA ARCHITECT**

**213 Foxcroft Road**

**Broomall, PA 19008**

**Telephone: 215-882-9983**

**Email: [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com)**

October 2, 2014

## **ITEM 2 EDUCATIONAL AND BUSINESS EXPERIENCE**

---

**John (Jack) Robert Vogel, Managing Member**

CRD No. 5572973

Year of Birth: 1983

### **Education Background:**

PhD, Finance, Drexel University, Philadelphia, PA

(6/09 – 3/14)

MS, Mathematics, Drexel University, Philadelphia, PA

(5/06 – 6/08)

BA, Mathematics and Secondary Education Mathematics, University of Scranton, Scranton, PA

(6/03 – 5/06)

### **Business Experience:**

#### ***Managing Member***

EMPIRITRAGE, Broomall, PA

(11/11 – Present)

#### ***Instructor (Mathematics Department)***

Drexel University, Philadelphia, PA

(2008-2009)

## **ITEM 3 DISCIPLINARY INFORMATION**

---

None. Mr. Vogel, Investment Adviser Representative, does not have any legal or disciplinary events material to a client's or prospective client's evaluation.

## **ITEM 4 OTHER BUSINESS ACTIVITIES**

---

None.

## **ITEM 5 ADDITIONAL COMPENSATION**

---

None. Mr. Vogel, Investment Advisor Representative, does not receive any economic benefit from any third party for providing advisory services.



## **ITEM 6    SUPERVISION**

---

IARs are supervised by Dr. Wesley Gray and David Pardee Foulke. Dr. Gray and Mr. Foulke may be contacted by calling (215) 882-9983 or by emailing [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com).

**NOTICE:**

**This brochure supplement provides information about TAO WANG that supplements EMPIRITRAGE's brochure. You should have received a copy of that brochure. Please contact Compliance at 215-882-9983, if you did not receive the brochure of EMPIRITRAGE. You can also contact Dr. Wes Gray if you have any questions about the content of attached supplement. Additional information about the IAR delineated within this supplement is available on the Investment Adviser Public Disclosure website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov) . You can search this website by using the IAR's CRD number as listed herein.**

---

**TAO WANG**

**INVESTMENT ADVISER REPRESENTATIVE**

---

**Brochure Supplement**

(Part 2B of Form ADV)

**EMPIRITRAGE**

**And**

**ALPHA ARCHITECT**

**213 Foxcroft Road**

**Broomall, PA 19008**

**Telephone: 215-882-9983**

**Email: [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com)**

October 2, 2014

## **ITEM 2 EDUCATIONAL AND BUSINESS EXPERIENCE**

---

**TAO WANG, Managing Member**

CRD No. 6138867

Year of Birth: 1988

### **Education Background:**

MS, Finance, Drexel University, Philadelphia, PA

(9/10 – 6/12)

BA/BL, Journalism/International Business Law, Shanghai University of Finance and Economics, Shanghai, China

(9/06 – 9/10)

### **Business Experience:**

***Managing Member***

EMPIRITRAGE, Broomall, PA

(6/2012 – Present)

## **ITEM 3 DISCIPLINARY INFORMATION**

---

None. Mr. Wang, Investment Adviser Representative, does not have any legal or disciplinary events material to a client's or prospective client's evaluation.

## **ITEM 4 OTHER BUSINESS ACTIVITIES**

---

None.

## **ITEM 5 ADDITIONAL COMPENSATION**

---

None. Mr. Wang, Investment Advisor Representative, does not receive any economic benefit from any third party for providing advisory services.

## **ITEM 6 SUPERVISION**

---

IARs are supervised by Dr. Wesley Gray and David Pardee Foulke. Dr. Gray and Mr. Foulke may be contacted by calling (215) 882-9983 or by emailing [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com).

**NOTICE:**

**This brochure supplement provides information about YANG XU that supplements EMPIRITRAGE's brochure. You should have received a copy of that brochure. Please contact Compliance at 215-882-9983, if you did not receive the brochure of EMPIRITRAGE. You can also contact Dr. Wes Gray if you have any questions about the content of attached supplement. Additional information about the IAR delineated within this supplement is available on the Investment Adviser Public Disclosure website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov) . You can search this website by using the IAR's CRD number as listed herein.**

---

**YANG XU**

**INVESTMENT ADVISER REPRESENTATIVE**

---

**Brochure Supplement**

(Part 2B of Form ADV)

**EMPIRITRAGE**

**And**

**ALPHA ARCHITECT**

**213 Foxcroft Road**

**Broomall, PA 19008**

**Telephone: 215-882-9983**

**Email: [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com)**

October 2, 2014

## **ITEM 2 EDUCATIONAL AND BUSINESS EXPERIENCE**

---

**Yang Xu, Managing Member**

CRD No. 6316689

Year of Birth: 1987

**Education Background:**

MS, Finance, Drexel University, Philadelphia, PA

(9/09 – 6/11)

BA, Economics, University of International Business and Economics, Beijing, China

(9/05 – 7/09)

**Business Experience:**

***Managing Member***

EMPIRITRAGE, Broomall, PA

(6/2014 – Present)

***Principal Data Analyst***

Capital One, McLean, VA

(4/2012 – 5/2014)

## **ITEM 3 DISCIPLINARY INFORMATION**

---

None. Mr. Xu, Investment Adviser Representative, does not have any legal or disciplinary events material to a client's or prospective client's evaluation.

## **ITEM 4 OTHER BUSINESS ACTIVITIES**

---

None.

## **ITEM 5 ADDITIONAL COMPENSATION**

---

None. Mr. Xu, Investment Advisor Representative, does not receive any economic benefit from any third party for providing advisory services.

## **ITEM 6 SUPERVISION**

---

IARs are supervised by Dr. Wesley Gray and David Pardee Foulke. Dr. Gray and Mr. Foulke may be contacted by calling (215) 882-9983 or by emailing [compliance@alphaarchitect.com](mailto:compliance@alphaarchitect.com).