



# NEWSLETTER - Korean Transportation Association in America

Vol. 23, No. 1, January 2012

## President's Message



Dear KOTAA members and supporters:

Happy New Year to each of you and your family!

By the lunar calendar New Year's Day falls on January 23rd this year, in the middle of the TRB annual meeting. I guess most of you missed your family and "Tteokguk". As KOTAA president, I missed many KOTAA members and invaluable donors who couldn't attend the TRB annual meeting this year.

Time goes by really fast, looking back to last year's annual meeting. When Professor Oh, Jun-Seok, asked me to take over KOTAA president last year, I lacked understanding of the current status of the organization. Thanks to assistance by KOTAA staff members, I barely grasped enough to organize this annual meeting. With excellent efforts by ex-presidents of KOTAA, this organization is well structured to maintain and support the members.

As most of you have perceived, the global economy is in a big slump. This impacts the industry and job markets for transportation related areas. Looking back at its history, the economy is expected to bounce back in the near future. During this gloomy time, KOTAA would like to be the center of networking to share job opportunities for professionals and students. The KOTAA meeting is also a great place to share ideas and research trends in transportation engineering in the US and Korea.

To promote networking between the members, I would like to propose an additional session to hold technical presentations. Due to the busy schedules of the current KOTAA meeting, we did not have enough time to share current research activities between the members in a format of presentation and discussion. It is also very difficult to attend other KOTAA members' presentation during the

regular session of TRB. The current meeting will focus on member activities (election of board members, travel grants, a guest speaker, and dinner), and an additional session can be devoted to technical presentations by professional members and visitors.

Networking can be further extended by participating in the Korean-American Scientist and Engineers Association (KSEA). To closely work with KSEA, KOTAA became part of an Affiliated Professional Society (APS) of KSEA. KSEA has been very supportive of our activities since the beginning of KOTAA in many different ways. KOTAA is very proud to have two KSEA presidents (Professor Lee, K. Wayne, and Professor Lee, "David" Hosin) who are also ex-presidents of KOTAA. Several other KOTAA members are currently involved in various tasks for KSEA. We will keep the close relationship with KSEA by asking all KOTAA members become KSEA members.

KSEA hosts the US-Korea Conference (UKC) every summer. Last year Professor Lee, "David" Hosin organized UKC 2011 in Park City, Utah. Several KOTAA members including me attended the conference, and it was very successful in gathering more than 1,000 participants from both the US and Korea. I encourage you to attend the next UKC scheduled next August in Orange County, California.

It is my great pleasure to announce that the KOTAA selected 19 Travel Grant recipients to be awarded \$150 each. The grant money for the awards came from the KOTAA financial investment as shown in detail in this newsletter.

I hope that all KOTAA members enjoy TRB meeting and KOTAA meeting, and safely return back home.

Sincerely yours,

Hak-Chul Shin, Ph.D., PE

President of KOTAA

Assistant Professor at Louisiana State University

## 2012 Annual Meeting

The 23rd KOTAA Annual Meeting will be held at "International West" room at Hilton Hotel on January 24th, Tuesday, 2012 from 6:00 PM to 7:30 PM. Please refer to the attached agenda for details.

## 2011 KOTAA TRB Participant Status

A total of 69 KOTAA members attended at the 22nd KOTAA Annual Meeting in January, 2011.

Status	U.S.	Korea	Other	Total
Professional	25	16		41
Student	21	5	2	28
<b>Total</b>	<b>46</b>	<b>21</b>	<b>2</b>	<b>69</b>
Status	U.S.	Korea	Other	Total
Professional	36%	23%		59%
Student	30%	7%	3%	41%
<b>Total</b>	<b>67%</b>	<b>30%</b>	<b>3%</b>	<b>100%</b>

## 2011 KOTAA Meeting Summary

Membership dues:  
Professional (\$35/year), Student (\$15/year)

## 2011 KOTAA Membership Fee Report

	\$ 15	\$ 35	Total
Professional	0	41	41
Student	28	0	28
<b>Total amount</b>	<b>\$ 420</b>	<b>\$ 1,435</b>	<b>\$ 1,855</b>

## 2011 Donation Summary

	Number	Subtotal
Professional	6	\$ 735.00
Student	0	\$ 0.00
Institution*	3	\$ 9,000.00
<b>Total</b>		<b>\$ 9,735.00</b>

\* Please refer to page 3 for detailed information.

## 2011 Travel Grant Expense Summary

Award	Number	Total
Travel Grant	24	\$ 4,800.00

## KOTAA Financial Status

### 1. General Financial Status

#### Fiscal Year of 2011

<b>Revenue</b>	<b>\$ 9,468.02</b>
Balance from FY2010	\$ 7,613.02
Year 2011 Membership	\$ 1,855.00
<b>Expense</b>	<b>\$ 458.37</b>
Newsletter	\$ 150.12
Web Managing	\$ 190.80
Administration expense (gas, parking, stamp, printing, etc.)	\$ 117.45
<b>Balance as of 12/31/11</b>	<b>\$ 9,009.65</b>

### 2. Travel Grant Financial Status

#### Fiscal Year of 2011

<b>Revenue</b>	<b>\$ 46,060.83</b>
Balance from FY2010	\$ 33,443.70
Revenue from CD & Mutual Fund	\$ 2,087.13
Donations from Members	\$ 735.00
Donations from Institutions	\$ 9,000.00
KSEA Membership Subsidy	\$ 795.00
<b>Expense</b>	<b>\$ 8,150.00</b>
Meeting/Conference	\$ 2,535.00
Membership fees for KSEA	\$ 815.00
Awards (24 people)	\$ 4,800.00
<b>Balance as of 12/31/11</b>	<b>\$ 37,910.83</b>

### 3. KOTAA Finance Investment

To enhance KOTAA's financial status, KOTAA continued to invest in CDs and Mutual Fund through 2011, based on the decision made by staffs. Following tables summarize the status of the investment in mutual fund in 2011.

#### 3.1 Earning from the Investment

(1)	Dividend from the Mutual Fund	\$ 1,081.20
(2)	Credit interest	\$ 20.13
(3)	Earning from the Mutual Fund	\$ 583.00
<b>Total</b>		<b>\$ 2,087.13</b>

- (1) Dividend from the mutual fund (see Table 3.1.1)
- (2) Annual credit interest (which obtained from the rest of money outside the investment)
- (3) Earning from the mutual fund (Table 3.1.2)

### 3.1.1 Monthly Dividend from the Mutual Fund

Year_Month_Date	Monthly Dividend
2011_01_31	\$ 90.10
2011_02_28	\$ 90.10
2011_03_31	\$ 90.10
2011_04_30	\$ 90.10
2011_05_31	\$ 90.10
2011_06_30	\$ 90.10
2011_07_31	\$ 90.10
2011_08_31	\$ 90.10
2011_09_30	\$ 90.10
2011_10_31	\$ 90.10
2011_11_30	\$ 90.10
2011_12_31	\$ 90.10
<b>Total</b>	<b>\$ 1,081.20</b>

### 3.1.2 Earning from the Mutual Fund Investment

Year_Month_Date	Mutual Fund Price
2010_12_31	\$ 10,207.80 (= \$ 9.63 × 1,060)
2011_12_31	\$ 10,790.80 (= \$ 10.18 × 1,060)
<b>Total Earning</b>	<b>\$ 583.00 (= \$ 10,790.80 - \$ 10,207.80 )</b>

Note: As of 12/31/11, we have 1,060 shares of a mutual fund stock with a unit price of \$10.18.

## Donations to KOTAA in 2011

### Donations from Institutes

Donation Level	Institute	Donation
Diamond	KSEA <sup>1</sup>	\$ 6,000.00
	KST <sup>2</sup>	\$ 2,000.00
	KICT <sup>2</sup>	\$ 1,000.00
<b>Total</b>		<b>\$ 9,000.00</b>

1. Korean-American Scientists and Engineer Association

2. Korea Society of Transportation

2. Korea Institute of Construction Technology

### Donations from Members

Donation Level	Name		Donation
	Last	First	
Platinum	Lee	Hosin	\$ 215
	Park	Byungkyu	\$ 200
Gold	Chon	Kyungsoo	\$ 100
	Lee	Kangwon	\$ 100
Silver	Park	Seri	\$ 65
	Shin	Hak-Chul	\$ 25
	Choi	Keechoo	\$ 15
	Lee	Eulbum	\$ 15
<b>Total</b>			<b>\$ 735</b>

## KOTAA Travel Grant

Beginning from year 2002, KOTAA has awarded Travel Grant to Korean graduate students attending the TRB meeting from all over the world. Through this grant, KOTAA wishes to encourage Korean students for their study as well as to enhance technical understanding and relationships for their future career development. The students shown in the following are the year 2012 KOTAA Travel Grant recipients. Prizes of \$150 are presented in the 2012 KOTAA Annual Meeting.

### 2012 KOTAA Travel Grant Recipients

#### Excellent Researcher Award

- Ahn, Hyung Jun  
Purdue University
- Choi, Jinheoun  
University of California, Irvine
- Jang, Kitae  
University of California, Berkeley
- Jung, Jae Young  
University of California, Irvine
- Kim, Kwangho  
University of California, Berkeley
- Kim, Kyeongsu-KOTAA Webmaster  
The Louis Berger Group, Inc.
- Kim, Myungseob  
University of Maryland
- Kim, Sangkey  
North Carolina State University
- Kim, TaeHwan  
Purdue University
- Ko, Myunghoon  
Texas A&M University
- Lee, Ho  
Ohio State University
- Lee, Sang Gu  
University of Arizona
- Noh, Hyunsoo  
University of Arizona
- Ryu, Seungkyu  
Utah State University
- So, Jaehyun (Jason)  
University of Virginia
- Son, Sanghoon  
Old Dominion University
- Son, Songsu  
University of Illinois, Urbana-Champaign
- Suh, Wonho  
Georgia Institute of Technology
- You, Soyong (Iris)  
University of California, Irvine

Each grant recipient is asked to collect potential KOTAA member information and news in his/her areas and provide them to the KOTAA secretary.

## Member News

### Paper Awards

- D. Grant Mickle Award 2011 which is given annually for the outstanding paper in operations, safety, and maintenance of transportation facilities: Dr. Eun Sug Park, "Detection Distances to Crosswalk Markings: Transverse, Continental, and Bar Pairs," TRB, Jan 2012

### Activities

- Seongkwan Lee from Korea Expressway Corporation and used to be a KOTAA member will work for the Inter-American Development Bank (Transport Division) for a year from this January as a secondee from KEC.
- Dr. Young-Ji Byon has started as an Assistant Professor, Civil Infrastructure and Environmental Engineering dept at the Khalifa University of Science, Technology & Research in Abu Dhabi, UAE from January 2012.

## Recruitment

- KOTI (The Korea Transport Institute) invites applications for Research Fellow and Associate Research Fellow positions in Transportation areas such as Planning, Economics, Policy, Aerospace, Logistics, Railroad, and etc. Research Fellow Candidates must possess a Ph.D. and have at least 5 years research experience or 4 years associate professor experience. To apply, please send resume, SOP, official transcripts, diplomas, LOR, approximately 5 pages of dissertation abstract. All documents should be sent to Human Resource Team, Dept. of Planning and Administration, The Korea Transport Institute, 1160, Goyangdaero Ilsanseo-gu, Goyang-si, Gyeonggi-do 411-701, Korea by Feb. 2, 2012. For any queries, please contact by phone 82-31-910-3030, or fax 82-31-910-3222. For more information, please visit the official website, [www.koti.re.kr](http://www.koti.re.kr).

## Message from the 40<sup>th</sup> KSEA President



It is my real pleasure to welcome all participants at the annual meeting of Korean Transportation Association in America (KOTAA) that is an official Affiliated Professional Society (APS) of Korean-American Scientists and Engineers Association (KSEA). It is my honor to give a welcoming statement for the KOTAA's annual meeting in Washington, D.C., with a great leadership of Dr. Alex Hak-Chul Shin, President of KOTAA.

Six months have already passed since 40th term started. I have a great news that our membership is growing rapidly and, as of December 31, 2011, 1,666 new members joined KSEA. It is 212% increase compared to 784 new members recruited during the same period last year. At the UKC 2011 in Park City, Utah, over 70 institutions and companies sponsored /had exhibition booths including many American companies aimed at recruiting Korean-American scientists and engineers. I would like to invite you all to apply for multiple KSEA scholarships, Korean Student Technical Leadership Conference (KSTLC), March 16-18, 2012, help National Math and Science Competition on April 21, 2012 and vote for the KSEA President-Elect and Councilors.

KSEA signed the MOU's with KICT, KICTEP, LHI, KEIT, KRISS, KICTEP, KETEP and NFRI that will lead to cooperative activities such as the exchange of researchers, joint projects, technical training and consulting opportunities for our members. KSEA has been recognized as one of the mainstream American societies, where the new editorial board of the LETTERS is composed of the world renowned scholars from Harvard, Columbia, UC Berkeley and UCLA. KSEA appointed two renowned scholars as advisors to KSEA: Prof. Sylvester Jim Gates of University of Maryland, who is a member of President's Council of Advisors on Science and Technology (PCAST) and Prof. John Kim of UCLA, who is a member of National Academy of Engineering.

As one of the founding Presidents of KOTAA, I would like to give my sincere appreciation to all KOTAA members, who are also members of KSEA, and, without your active participation, KSEA would not have achieved the current milestone of becoming a premier professional organization respected by all scientists and engineers in the US and Korea.

### **Join in KSEA**

KSEA (Korean-American Scientists and Engineers Association) was established in 1971 to help Korean-American Scientists and Engineers develop their full career potential. KOTAA, as an affiliation of KSEA, encourages its members to join in KSEA. Please refer to [www.ksea.org](http://www.ksea.org).

### **Upcoming Conferences**

1. ITE 2012 Technical Conference and Exhibit (ITE-TC'2012), March 4-7, 2012 Pasadena, CA, USA
2. The Asia Pacific Rail 2012, March 13-15, 2012, Hong Kong
3. World of Asphalt 2012, Show and Conference, March 13-15, 2012, Charlotte, NC, USA
4. The 53rd Annual Transportation Research Forum (TRF'2012), March 15-17, 2012 Tampa, FL, USA
5. The 2nd International Workshop on Planning and Optimization of Wireless Networks (OPTNet 2012), March 21-23, 2012, Halifax, The Endcliffe Village, Sheffield, UK
6. The 87th Association of Asphalt Paving Technologists Annual Meeting, April 1-4, 2012, Austin, TX, USA
7. The 12th Asia-Pacific Intelligent Transport Systems Forum & Exhibition 2012 (APITS'2012), April 16-18, 2012 Kuala Lumpur, Malaysia
8. The 2012 Advancing Women in Transportation (WTS) Annual Conference, May 9-11, 2012, Denver, CO, USA
9. International Conference on Sustainable Urban Transport and Environment (ICSUTE 2012), May 13-14, 2012, Amsterdam, Netherlands
10. International Conference on Urban, Regional Planning and Transportation (ICURPT 2012), May 13-14, 2012, Amsterdam, Netherlands
11. The 18th International Conference on Urban Transport and Environment, May 15-17, 2012, A Coruna, Spain
12. ITS America 22nd Annual Meeting & Exposition, May 21-23, 2012, National Harbor, MD, USA
13. The 2012 IEEE Intelligent Vehicles Symposium (IV' 12), June 3-7, 2012 Alcala de Henares, Madrid, Spain
14. The Transports Publics 2012, June 5-7, 2012 Paris, France
15. The Petersen Asphalt Research Conference, July 9-11, 2012, Laramie, WY, USA

16. The 8th International Conference on Traffic and Transportation Studies (ICTTS'2012), August 1-3, 2012 Changsha, China
17. US-Korea Conference on Science, Technology, and Entrepreneurship (UKC 2012), August 8-12, 2012, Hyatt Regency Orange County, CA, USA
18. ITE 2012 Annual Meeting and Exhibit, August 12-15, 2012 Atlanta, GA, USA
19. 2012 National Rural ITS Conference and Gulf Region ITS Annual Meeting, September 16-19, 2012 Biloxi, MS, USA
20. The 15th International IEEE Conference on Intelligent Transportation Systems (ITSC 2012), September 16-19, 2012, Anchorage, AK, USA
21. The 19th ITS World Congress (WCITS'2012), October 22-26, 2012, Vienna, Austria
22. The 3rd International Conference on Urban Transportation Systems (ICUTS 2012), November 11-14, 2012, Paris, France

### **Let's Use KOTAA Website!!!**

Please visit the KOTAA website ([www.kotaa.org](http://www.kotaa.org)). Any ideas to improve the website or postings of useful information are very welcome any time. If you are interested in managing any part of the web contents, please feel free to contact the secretary ([jinhc@uci.edu](mailto:jinhc@uci.edu)) or webmaster ([ksukim@gmail.com](mailto:ksukim@gmail.com)).

[LinkedIn.com](http://LinkedIn.com) is an on-line professional network. In addition to KOTAA website, [LinkedIn.com](http://LinkedIn.com) will play a role to connect us and share information. Please visit the website and add you and invite people to connect.

## **Current Officers**

### **President**

Hak-Chul Shin (Louisiana State University)

### **Vice-Presidents**

Young-jun Kweon (Virginia DOT)

Yong-Rak Kim (University of Nebraska-Lincoln)

### **Auditor**

In-Kyu Lim (Virginia Department of Transportation)

Hyungjun Park (University of Virginia)

### **General Secretary**

Jinheoun Choi (University of California, Irvine)

### **Webmaster**

Kyeongsu Kim (The Louis Berger Group, Inc.)

Send any comments or suggestions to general secretary, **Jinheoun Choi**, at [secretary@kotaa.org](mailto:secretary@kotaa.org) regarding any issues for operating KOTAA.

## **NOTE**