

Advancing kidney health worldwide. Together.

ISN biennial report
2017-2018



At ISN, we strive to improve kidney health for everyone

Together with our members and partners, we build knowledge, share experiences and expertise, facilitate research, and advocate for kidney health for all.

Learning and sharing is at the heart of what we do. Across our community, we build capacity to bridge the gaps in care.

Because we are passionate about kidney health, we want all to benefit from what we do. With the strength of some, we uplift those who need the most help.

Kidney disease knows no frontiers, so neither do we. Through our community, we go further and move quicker; all together.

Join our community:
www.theisn.org/membership

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Evolving with the times

The last two years have seen major changes with lots happening behind the scenes. We developed a five-year strategic plan to deliver on our mission, and improved governance structures to invest more authority in the ISN Regional Boards.

All ISN voting members will now also elect their Regional Board leaders who will represent them in the ISN Council. Every ISN President will now be elected by the entire ISN voting membership.

Our capacity-building programs have continued to flourish. The resources of the ISN Academy e-learning portal and app have grown considerably. The *ISN Global Kidney Health Atlas*, launched in 2017 and updated for release at WCN 2019, has quickly become a valuable tool for advocacy. The introduction of the Kidney Care Network and continuation of Oby25 and Saving Young Lives show the vital role education plays in improving prevention and care.

The ISN Policy Forum, first held in conjunction with WCN 2017 in Mexico and now with WCN 2019 in Melbourne, symbolizes the efforts we have put into a broad range of international advocacy efforts, including our role as the only non-state actor of the World Health Organization representing kidney disease.

In response to the millions of patients worldwide dying due to a lack of access to end-stage kidney disease (ESKD) care, the second ISN Global Kidney Health Summit set out to develop and implement a five to 10-year strategic plan to increase worldwide access to safe, quality integrated ESKD care as a component of Universal Health Coverage.

The focus on ESKD will be aligned with ISN's other activities focusing on acute kidney injury and chronic kidney disease during the next ISN presidency led by Vivekanand Jha.

It has been a wonderful privilege to lead ISN into a new era and be part of such an important transformation.

David Harris
ISN President 2017-2018



With thousands of professional members from over 160 countries, ISN represents a wide international network and an efficient platform for timely scientific exchange, debate, and communication among healthcare professionals involved in preventing and treating kidney disease.



A time of transformation

We're turning 60 soon! What a great journey it has been, from the early days of Jean Hamburger and his founding vision of an international nephrology society, to the proud organization we are actively engaged in becoming.

Our community is at the center of this transformation. Thank you to each and every member, including doctors, nurses and renal health professionals for volunteering precious time, dedicating energy, and sharing knowledge and experience.

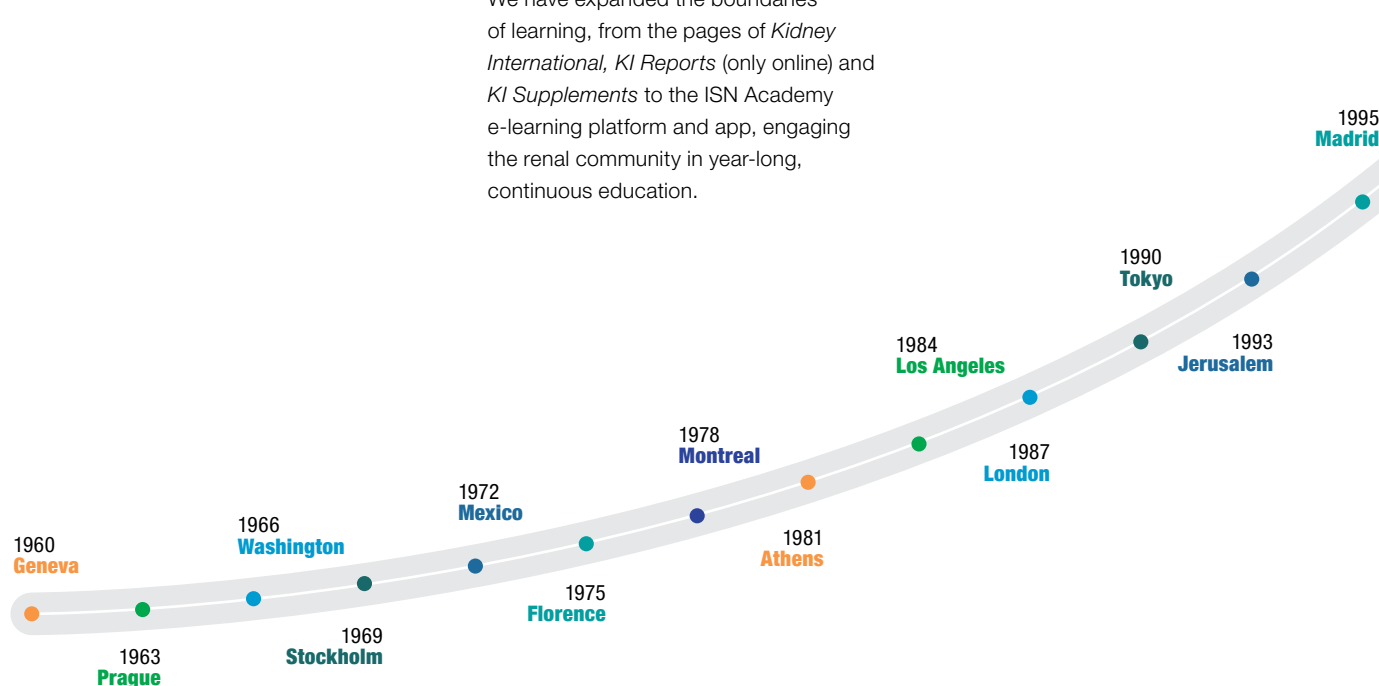
As a community, we are strengthening a reputation as a leading representative of and advocate for global kidney health, through the ISN Global Kidney Health Summit, ISN Global Kidney Policy Forum and the *ISN Global Kidney Health Atlas*. We are raising the profile of kidney disease to policy makers through our status with the World Health Organization and by attending United Nations' meetings.

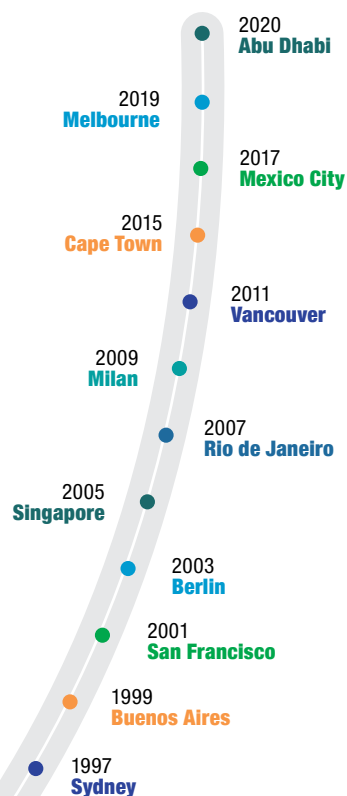
A yearly world congress, the introduction of ISN Frontiers, and many continuing medical education courses allow ISN to continue to connect with local communities worldwide, and actively collaborate and partner with affiliated and national societies.

We have expanded the boundaries of learning, from the pages of *Kidney International*, *KI Reports* (only online) and *KI Supplements* to the ISN Academy e-learning platform and app, engaging the renal community in year-long, continuous education.

The ISN Programs have increased training opportunities and partnerships. The 0by25 initiative has evolved into the Kidney Care Network, focusing on the objective that no one should die from preventable acute kidney injury by 2025. Research grants, and the International Network of Chronic Kidney Disease (iNET-CKD) cohort studies, ISN-Advancing Clinical Trials (ISN-ACT) and Hydration for Kidney Health (ISN-H4KH) initiatives are also supporting more investigators.

We have changed our bylaws to create a governance structure that better reflects the needs of members in every region, as well as our renewed vision, mission and values. Equity, diversity and inclusion are becoming stronger guiding principles leading us into the future. So, we continue working towards a future where all people have equitable access to sustainable kidney care.





The ISN congress has been **uniting nephrologists around the globe** since 1960.

WE ARE A TRUSTED LEADER & AN INCLUSIVE PARTNER

1 Building capacity of healthcare professionals via granting programs, education and research.

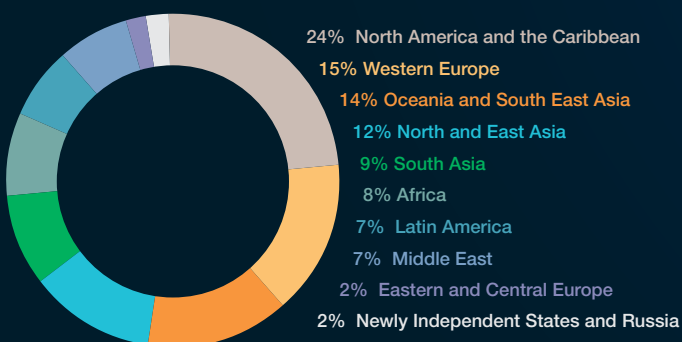
2 Bridging the gaps in global kidney care through advocacy and collaborations with our global partners to improve kidney disease prevention, diagnosis and treatment.

3 Connecting communities to develop a stronger understanding of how to manage kidney disease.

Our community around the world

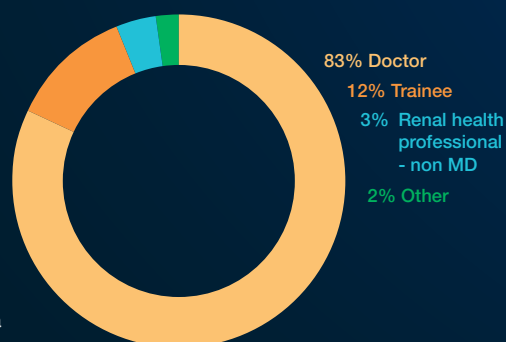
Thanks to the willingness and dedication of our members to share their skills and experience we continue to build capacity for kidney health, improving patient care and setting up programs in regions where nephrology services and professionals are scarce or limited.

CURRENT MEMBERS
BY REGION



Source: International Society of Nephrology, as of December 31, 2018

CURRENT MEMBERS
BY AREA OF ACTIVITY



Source: International Society of Nephrology, 2018

Programs to share knowledge

The ISN Programs offer a broad range of educational and training opportunities. In the past two years, over 3 million USD has been invested, helping to build sustainable ways of educating doctors and other kidney health professionals.

Since 2017, over 80 ISN Fellows from 40 countries have benefited from a grant to train and share their new skills to advance care in their region. In addition, an ISN Reverse Fellow is currently bringing valuable contributions to the Saving Young Lives projects in Africa.

Over the last two years, 24 new Sister Renal and Transplant Centers across the regions have built partnerships, so teams can learn from each other. ISN now counts 70 active Sister Centers partnerships across the globe, with 10 regional training centers that help teach and educate teams locally.

Traveling far and wide, 27 ISN Educational Ambassadors have dedicated their time, and valuable expertise to train local medical staff from 40 centers about the latest breakthroughs, and skills and techniques, making for a stronger, more self-sufficient and globally-minded medical community.

Since 2017, 98 Continuing Medical Education courses have brought training to about 19,000 healthcare professionals in low-resource settings.

\$3,300,000

invested in ISN programs
over 2 years



Funding to strengthen research

In 2017 and 2018, we awarded 13 clinical research grants to fund screening and intervention studies as well as local clinical research and acute kidney injury studies.

These projects are taking place in the regions of Africa, Latin America and the Caribbean, North and East Asia, and South Asia. The ISN Clinical Research Program supports research and education programs in low to middle income countries, involving local nephrologists, health workers and authorities.

19,000
healthcare professionals
received training (since 2017)

One hundred affiliates and counting

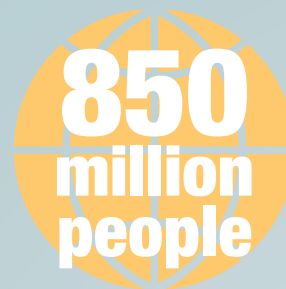
Over 100 national and regional societies now help us spread the word about the importance of education to improve the access to care.

70
Active Sister
Centers pairings

36
graduated
centers

Time for action

To increase access to equitable and integrated care for patients and curb the number of related deaths, we need to improve how we manage kidney disease, including end-stage kidney disease (ESKD).



worldwide are now estimated to have some form of kidney disease.¹

13 MILLION PEOPLE AFFECTED BY ACUTE KIDNEY INJURY



Acute kidney injury (AKI), an important driver of chronic kidney disease (CKD), **affects over 13 million people worldwide** and 85% of these cases are found in low- and middle-income countries.²

85%
in low- and middle-income countries²



11TH
LEADING CAUSE OF GLOBAL MORTALITY

As the 11th leading cause of global mortality, CKD **causes about 1.2 million deaths per year** and is the 6th fastest growing cause of death. An additional 1.2 million deaths are attributable to reduced kidney function.³

2.6 MILLION IN 2010  **5.4 MILLION** IN 2030

In 2010, 2.6 million people with ESKD or 'kidney failure' received dialysis or transplantation worldwide, a number **projected to increase to 5.4 million** by 2030¹² and predicted to be the 5th leading cause of death by 2040⁴. Between 2 and 7 million died from want of access to dialysis and transplantation¹² and about 188 million people experience catastrophic health expenditure annually as a result of kidney diseases across LMICs, the greatest of any disease group¹⁶.

CKD

The cost of treating CKD and its complications is unaffordable for governments and individuals in many parts of the world. Annual costs of dialysis and kidney transplantation alone range **between USD 35,000-USD 100,000 per patient**.⁵

1. Figure based on extensive research and analysis carried out by the International Society of Nephrology, the American Society of Nephrology and ERA-EDTA. Figure includes cases of acute kidney injury and various chronic kidney diseases, irrespective of dialysis.
2. Metha, R. L. (2016, April). *The Lancet*. Retrieved March 6, 2018, from The ISN Oby25 Global Snapshot Project: Tackling acute kidney injury.
3. Institute for Health Metrics and Evaluation. (2016). *Global Burden of Disease*. Retrieved March 6, 2018, from <http://www.healthdata.org/gbd>.
4. Foreman KJ, Marquez N, Dolgert A, et al. *Forecasting life expectancy, years of life lost, and all-cause and cause-specific mortality for 250 causes of death: reference and alternative scenarios for 2016–40 for 195 countries and territories*. *Lancet*. 2018; 392(10159):2052–90.
5. Levin, A., Adu, D., et al. (2017). *Global kidney health 2017 and beyond: a roadmap for closing gaps in care, research, and policy*. *The Lancet*, Volume 390, Issue 10105, 1888–1917, 390(10105), p1888–1917.



TRANSPLANT REGISTRY

The highly-variable availability, coverage, and quality of ESKD registries prevents a proper understanding of the epidemiology of ESKD and ESKD care worldwide. This is particularly true in low-income countries where non-dialysis chronic kidney disease, dialysis, and kidney transplant registries are available in only 6%, 18%, and 0% of countries, respectively.⁶⁻⁷⁻⁸ African (35%) and South Asian (40%) countries have the lowest frequencies of dialysis registries and are also the areas where the gaps between treated and untreated ESKD are highest.⁶⁻⁷

EQUITABLE ACCESS TO KIDNEY CARE

Health system factors, particularly public health coverage of kidney replacement therapy (KRT), are critical in determining KRT availability and accessibility.⁹



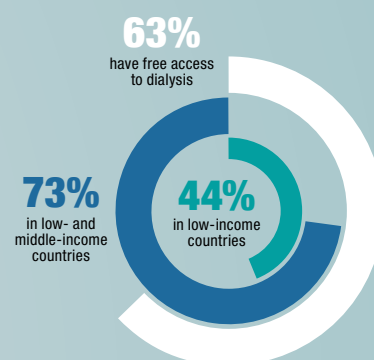
Similarly, **workforce shortages** are exceedingly common, particularly in low-income countries, with nephrologist densities varying over 1,000-fold across the globe, averaging 0.32 pmp in low-income countries and 28.52 pmp in high-income countries.⁶⁻⁷



In most African, South and South East Asian countries, **access to dialysis for children** is severely restricted.¹⁰⁻¹¹ Even amongst and within high-income countries, there are wide variations in the incidence and prevalence of ESKD treated with KRT, not explained by differences in national income and in part related to the cause and severity of prevalent kidney disease and age of the patients.¹²⁻¹³



Kidney transplantation, which for suitable candidates provides the best survival, quality of life, and is most cost-effective, is available in only 36% of African countries and worldwide in only 12% of low-income countries.⁷⁻⁸ In those countries that do provide kidney transplantation, rates vary from <1 pmp in Bangladesh to 71 pmp in the Jalisco state of Mexico.¹⁴



Public funding for **dialysis** is available in 71% of countries, including 73% of LMICs and 44% of LICs. Free dialysis at the point of care is available to some proportion of the population in 63% of countries.⁷

The ISN Kidney Collection

shows government-funded KRT was associated with a much higher rate of clinically suitable patients' access to KRT, when compared to out of pocket models of reimbursement.¹⁵

6. Bello AK, Levin A, Tonelli M, et al. *Assessment of Global Kidney Health Care Status*. JAMA. 2017; 317(18): 1864-81.

7. Bello AK, Levin A, Tonelli M, et al. *Global Kidney Health Atlas: A report by the International Society of Nephrology on the current state of organization and structures for kidney care across the globe*. Brussels, Belgium: International Society of Nephrology; 2017.

8. Ploos van Amstel S, Noordzij M, Warady BA, et al. *Renal replacement therapy for children throughout the world: the need for a global registry*. Pediatr Nephrol. 2018; 33(5): 863-71.

9. Harris, D, et al. (in press). Increasing access to integrated ESKD care as part of Universal Health Coverage, in press: *Supplement to Kidney International*, Volume 95, Issue 4S, April 2019.

10. Schaefer F, Borzych-Duzalka D, Azocar M, et al. *Impact of global economic disparities on practices and outcomes of chronic peritoneal dialysis in children: insights from the International Pediatric Peritoneal Dialysis Network Registry*. Perit Dial Int. 2012; 32(4): 399-409.

11. Ashuntantang G, Osafo C, Olowu WA, et al. *Outcomes in adults and children with end-stage*

kidney disease requiring dialysis in sub-Saharan Africa: a systematic review. The Lancet Global Health. 2017; 5(4): e408-e17.

12. Liyanage T, Ninomiya T, Jha V, et al. *Worldwide access to treatment for end-stage kidney disease: a systematic review*. Lancet. 2015; 385(9981): 1975-82.

13. Jha V et al. *Chronic Kidney Disease: Global Dimension and Perspectives*. Lancet. 2013 Jul 20;382(9888):260-72. Erratum in: Lancet. 2013 Jul 20;382(9888):208.

14. United States Renal Data System. *2017 Annual Data Report: Epidemiology of kidney disease in the United States*. [cited 10th May 2018]. Available from: <https://www.usrds.org/adr.aspx>.

15. Unpublished observation from the ISN Kidney Collection; <https://www.theisn.org/news/item/3282-presenting-the-kidney-collection-survey>.

16. Beverley M Essue, Tracey-Lea Laba, Felicia Knaut, Annie Chu, Hoang Van Minh, Thi Kim Phuong Nguyen, and Stephen Jan. *Economic Burden of Chronic Ill Health and Injuries for Households in Low-and Middle-Income Countries*. 2018, World Bank.

In action

We are taking action across regions to build capacity for doctors and other allied health professionals through projects such as Saving Young Lives, the Oby25 Pilot Feasibility Study and the Kidney Care Network.

Through collaboration and training, the International Network of Chronic Kidney Disease cohort studies and the ISN-Advancing Clinical Trials initiatives each focus, in their own way, on the burden of chronic kidney disease.

To bridge the gaps in global kidney care, we are advocating to raise awareness about the importance of kidney health, improve kidney disease prevention, diagnosis and treatment and collaborating with our global partners such as the World Health Organization and others.

By connecting communities through partnerships, we are developing a stronger understanding of how to manage kidney disease.





'In Ethiopia, we now have a living donor kidney transplant program and two nephrology fellowship programs. This will guarantee the country has a continuous supply of qualified professionals in the years and decades to come.'

Yewondwossen Tadesse

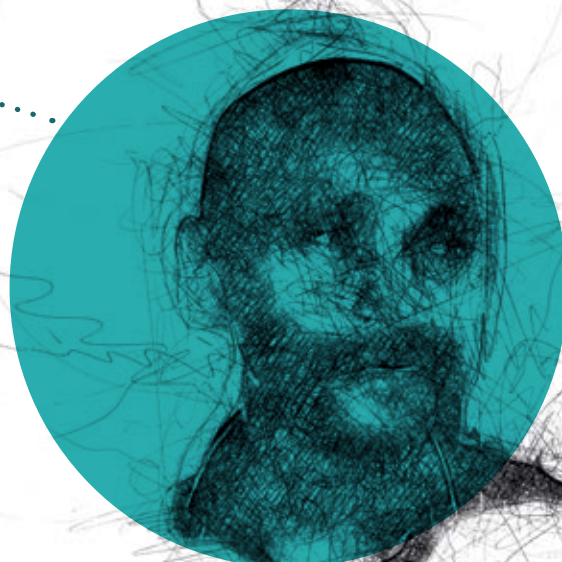
Addis Ababa University, **Ethiopia**



'The ISN programs have effectively enhanced the clinical skills of clinicians and nurses treating patients with chronic kidney disease, glomerulonephritis. They have advanced kidney disease care, improved dialysis services, consolidated kidney transplantation services at Cho Ray Hospital and expanded services to other regional centers in Vietnam.'

Tran, Thi Bich Huong

Cho Ray Hospital, **Vietnam**



'After my training, I dedicated more time to pediatric nephrology and played a key advocacy role in Tanzania. I am currently the Secretary General of the Nephrology Society of Tanzania (NESOT), which I founded with my colleagues.'

Francis F. Furia

Muhimbili University of Health
& Allied Sciences, Dar es Salaam,
Tanzania

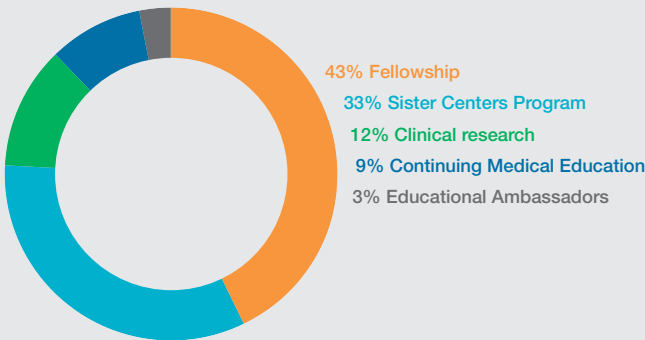
BUILDING CAPACITY

Taking action across the regions

The ISN Programs and partnerships are growing, helping to strengthen kidney care in many regions of the world.

Working together, kidney centers across the ISN regions are building up solid capacity and expertise by training fellows, partnering with other centers through the Sister Renal and Transplant Centers programs, delivering continuing medical education courses, benefiting from educational ambassadors and developing clinical research projects.

ISN PROGRAMS
AROUND THE WORLD



Source: International Society of Nephrology, 2018



VIETNAM



Expanding Vietnam's dialysis care

Co-funding from ISN Programs and the Asian Pacific Society of Nephrology was crucial in lending support to centers like Ho Chi Minh City's Cho Ray Hospital, helping it become a valuable training hub and transforming the state of dialysis treatment in southern Vietnam.

SRI LANKA



Peritoneal dialysis in Sri Lanka

Sister Centers pairs from Stanford University (USA) and Kandy hospital, Peridenya University (Sri Lanka) are working together to improve peritoneal dialysis services, engaging with less-specialized providers in two remote clinics. A team of researchers and clinicians at Stanford University plans to implement a quality improvement project that supports and expands the use of peritoneal dialysis.

SUDAN



Training Sudan's dialysis nurses

Ana Elizabeth Figueiredo, Professor of Nursing at the Pontifical Catholic University of Rio Grande do Sul (Brazil), gave onsite training to senior dialysis nurses and will assist them in developing a training curriculum. This course was made possible through the ISN Sister Centers partnership and ISN Educational Ambassador Program.

EGYPT



Interventional nephrology in Egypt

Dr. Osama Ibrahim, and **Prof. Ahmed Akl**, Nephrology Center, from Mansoura New International General Hospital (Egypt) became ISN Educational Ambassadors to train the team at Meniat El Nasr. They lent their expertise to improve hemodialysis care and give scientific lectures, especially in interventional nephrology.



'The ISN Educational Ambassador program can help to improve the theoretical and practical knowledge of the dialysis nurses, therefore improving patient safety.'

Ana Elizabeth Figueiredo
ISN Educational Ambassador, **Brazil**

BUILDING CAPACITY

Opening doors to learning



Since its inception in 1985, the ISN Fellowship Program has funded almost **780 fellows worldwide**, encouraging them to deliver high-quality care and share the skills and expertise they have acquired during their training. **Opportunities are now growing with the arrival of the ISN Reverse Fellowship.**

The ISN Reverse Fellowship gives a nephrologist from an institute in a well-resourced setting the chance to share knowledge through mentorship. It's an opportunity to experience the day-to-day challenges of clinical staff working in a low-resource country, helping them develop and sustain a nascent or emerging clinical nephrology service.



AKI patient management
in rural clinics in South Africa

Martyn Fredlund

First participant in the ISN Reverse Fellowship Program, **UK**

BUILDING CAPACITY

Supporting renal research

Investing in clinical research is vital to develop better care across regions. Three ISN research grant recipients explain why specific funding for their project is making a difference and helping them move forward in their research project.

Tools and networks

The ISN Advancing Clinical Trials (ISN-ACT) initiative encourages the global nephrology community to conduct and participate in more clinical trial research. Every month, the team collects and publishes a list of important nephrology trials. They are developing a clinical trial tool kit and looking into creating a mentorship program and platform for clinical trials.

The International Network of Chronic Kidney Disease (iNET-CKD) cohort studies is building an international network of existing, independently-funded CKD cohort studies, with over 100 researchers, representing more than 30 members' studies. The network has engaged member cohorts to participate in analyses focused on hypertension and CKD progression and in the manuscript for both studies.

Uncovering the mystery behind CKDu

The Chronic Kidney Disease of Unknown Etiology (CKDu) Consortium is seeking to understand the causes and limit the impact of this mysterious form of chronic kidney disease.

Water and the kidneys

With the Hydration for Kidney Health (ISN-H4KH)* initiative we are supporting the efforts of new investigators to engage researchers in the development of transdisciplinary research networks and using existing data to ask new questions to explore the role of hydration in kidney health.

* This initiative is supported by a grant from Danone Nutricia Research.

Chronic kidney disease: Assessment of progression, co-morbidities and quality of life in Indian children



'Funding has been of immense benefit in providing certain investigations at a low-cost to most patients. This has been extremely helpful in ensuring good follow-up.'

Nivedita Kamath

Bangalore, **India**

Effectiveness of community- based integrated care versus conventional care program on delaying CKD progression in rural communities in Thailand



'The ISN grant provides enormous benefits in terms of quality of the study, particularly for creating standardization and educational materials.'

Teerayuth Jiamjariyapon

Bangkok, **Thailand**

Plasma copeptin as a predictor of, and copeptin associated loci in, cardiorenal disease. A population based prospective cohort study and a mendelian randomization approach



'Thanks to the ISN-H4KH Hydration and Kidney Health Grant, I had the opportunity to run my study over two years. Today, the first part of my project aiming at copeptin as a predictor of renal disease, has been published in Nephrology Dialysis Transplantation (NDT).'

Sofia Enhörning

Malmö, **Sweden**

BUILDING CAPACITY

Strengthening regional-capacity training



Regional Training Centers help build nephrology capacity across regions. Global nephrology partnerships are getting stronger as ISN Programs are increasingly delivering nephrology training across specific regions.

Some centers in low-resources countries have been endorsed by ISN as a recognition for their outstanding contributions to nephrology education and training in their region.

Given their long-lasting involvement with ISN Programs, these organizations are now, in turn, hosting ISN Fellows, and/or acting as Supporting Sister Centers. Senior staff are also contributing as teachers in CME courses in local or regional conferences and provide hands-on training as ISN Educational Ambassadors in other centers of the region.





“

‘We will provide a comprehensive program that includes renal pathology, blood purification, kidney transplant, renal intensive care unit and basic research.’

Zhi-Hong Liu
China

Eastern and Central Europe

The Nephrology Department, Hospital of Lithuanian University of Health Sciences, Kaunas (Lithuania)

North East Asia

The National Clinical Research Center of Kidney Disease, Jingling Hospital, Nanjing, Institute of Nephrology, Peking University, Beijing and the First Affiliated Hospital of Sun Yat-sen University, Guangzhou (China)

South Asia

The Department of Pediatric Nephrology, Children's Kidney Care Center, St. John's Medical College Hospital, Bangalore (India)

Latin America

The Fundación Clínica Valle del Lili, Cali (Colombia) and the Department of Nephrology & Mineral Metabolism, Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran, Mexico City (Mexico)

Newly Independent States and Russia

The National Center of Nephrology & Renal Replacement Therapy, Minsk (Belarus)

Africa

The Department of Nephrology, Red Cross Children's Hospital, Cape Town (South Africa), The Department of Nephrology, Groote Schuur Hospital, Cape Town (South Africa)

BUILDING CAPACITY

Saving Young Lives: PD workshops in Africa



Over 30 doctors from across Africa attended the Renal Skills Workshop organized by Professor Mignon McCulloch, from February 19 and 23, 2018 at the Red Cross Children's Hospital in Cape Town, South Africa.

This course gave medical professionals in countries such as Namibia, Mozambique and Zambia the chance to access new peritoneal dialysis (PD) skills and knowledge.

While doctors were focusing on PD in Cape Town, colleagues in Dakar were also talking about acute kidney injury (AKI). The Senegalese Society of Nephrology organized a congress focusing on AKI, highlighting the importance of prevention in sub-Saharan countries. The Society also arranged a teaching course on pediatric nephrology with the help of a former ISN Fellow.

The trainings carried out in Cape Town and Dakar brought positive results and generated other successes and fruitful interactions.

Saving Young Lives

Saving Young Lives partners ISN, the International Pediatric Nephrology Association, the International Society of Peritoneal Dialysis and EUOPD to build sustainable peritoneal dialysis programs to treat children and young adults in low-resource settings. After five years of work, 14 sites have enrolled in the initiative.

Thanks to Saving Young Lives

A pediatric nephrologist and a nurse from the University of Kinshasa (Democratic Republic of the Congo) visited the University of Cotonou (Benin). Congolese doctors and nurses learned about catheter insertion techniques to set up their own peritoneal dialysis service to treat young acute kidney injury patients.

NEW INITIATIVES

Introducing the Kidney Care Network: The next stage of the Oby25 initiative

The Oby25 Pilot Feasibility Study is complete. It shows that the testing interventions used helped improve how acute kidney injury (AKI) is detected and treated in three low-resource settings. The next phase focuses on testing how these interventions can be implemented in routine clinical care. We are doing this through the Kidney Care Network project.

In July 2017, the team behind the Kidney Care Network started testing if the successful interventions carried out by the Pilot Feasibility Project could become a sustainable part of routine care in low- and middle-income countries and improve locally-led AKI detection and management.

Two new sites in Brazil and South Africa were set up alongside the original centers located in Bolivia, Malawi and Nepal.

'We are working with these sites to improve the standard of care in AKI detection and management, but in a way that is appropriate and sustainable in the local setting,' explains John Feehally, project leader.

'For this, education and training in AKI care, given by local experts and in full collaboration with local institutions, is key,' he adds. Local experts train all relevant healthcare workers at the sites, using educational materials evaluated as successful in the feasibility project.

'We continue to collect data to measure the impact of this implementation project,' Feehally says. *'The data will be crucial when engaging with local health authorities in the future to seek their support and ensure the interventions proposed become part of normal clinical care in the long term.'*



Time for a group photo from a Kidney Care Network workshop in Nepal.



Interactive sessions are an integral part of these types of workshops.

Oby25 in a nutshell

In 2013, ISN launched the Oby25 Initiative, which set the ambitious goal of curbing preventable deaths from AKI globally by 2025, especially in low-resource settings.

The Pilot Feasibility Project launched in January 2016, observed and compared the outcomes before and after the implementation of an intervention to improve AKI care.

This project was carried out in community health centers and district hospitals in Bolivia, Malawi and Nepal.

The initial results (due for publication in 2019) shows that the intervention improved case detection and outcomes.



Time is set aside for one-to-one guidance from chosen experts.



Discussions make up an important part of the course.



Making the most of each interactive session.

RESEARCH

Writing about research

Following the success of previous editions, the Scientific Writing Course took on a regional flavor. First stop was Bangalore, where young investigators from South Asia brushed up on their writing skills, with the aim to get their research published.

This course was a mix of short lectures, time for writing exercises and discussions, and pre-course assignments on scientific writing.

Leading the Bangalore course, Arpana Iyengar says: *'The sessions are designed to incorporate mentoring on abstracts, background methods, results and generate discussion.'*

Highlights of the course included hands-on sessions with a reference and database manager, interactive time focusing on the process of submitting

a paper, advice on choosing a journal and responding to reviewers.

Vethanathan Bavanthan from Sri Lanka explains: *'It has undoubtedly given me new insight and energy to pursue scientific research. The doubts and gaps have been smoothly filled, and will help me to progress as a young clinician.'*

'I came to know that scientific writing is the most important means for communicating scientific work,' added Shakti Basnet, a student from Nepal.

THE VALUE OF MENTORSHIP

In 2017, the Mentorship Program was reinstated to help nephrologists from low- and middle-income countries get the one-to-one guidance they need from more highly-experienced nephrologists to increase their chances of having their research published and move forward in other areas of their career. So far, over 20 mentorship pairs have been set up through this joint effort between the Clinical Research Program and the Young Nephrologists Committee.

ISN-ANIO

This course was made possible thanks to support from the ISN-American Nephrologists of Indian Origin (ANIO) Committee. It was hosted by St John's National Academy of Health Sciences, one of the recently-assigned ISN Regional Training Centers. The selection committee also gave priority to 20 delegates from South Asia to attend the course.

ISN community milestones

There have been many memorable moments over the last two years. Each one reveals how we are moving forward with our mission of advancing kidney health worldwide.

Together.



FEBRUARY 2017

Summit of the Pontifical Academy of Sciences on Organ Trafficking and Transplant Tourism

We endorse the Summit's statement, which calls to recognize that organ and human trafficking for organ removal are *'true crimes against humanity.'*



APRIL 2017

First ISN Global Kidney Policy Forum in Mexico City

With *The Lancet* and Sociedad Latinoamericana de Nefrología e Hipertensión (SLANH), under the patronage of the Secretary of Health of Mexico, we engage with eight Latin American governments, policy makers, nephrologists, researchers, patients. They commit to the Conclusions of Mexico City, a 12-point set of measurable recommendations to curb the burden of kidney disease worldwide.



MARCH 2017

ISN Academy launch

Our CME accredited e-learning portal and app officially went live to all members at WCN 2017. ISN Academy is the next generation of ISN Education, providing access to the latest and recommended learning content for nephrologists in multiple languages.

Go to: academy.theisn.org

2017

The Lancet Kidney Campaign

Raising awareness of the under-recognised burden of Kidney Disease
www.thelancet.com/campaigns/kidney

OCTOBER 2017

After one year of regular updates from ISN contributors, The Lancet Kidney campaign comes to fruition.

JUNE 2017

The SharE-RR team developed resources that kidney health advocates can use to assist in the establishment or development of a renal registry in their countries.

APRIL 2017

WCN 2017 presents results of ISN GKHA

Results of the *ISN Global Kidney Health Atlas (GKHA)* highlight the huge gaps in care and prevention globally. They reveal the need to prioritize kidney health worldwide.



FEBRUARY 2018

Tokyo welcomes first ISN Frontiers

Kidney and heart communities discuss the link between cardiovascular disease and kidney disease. There are 1,500 participants from 64 countries and regions, with over 600 attendees coming from outside of Japan.

FEBRUARY 2018

We celebrate our 100th ISN Affiliated Society!



OCTOBER 2017

ISN Membership for all!

New, tailored membership packages ensure that all potential members in low-resource countries can access all that ISN has to offer at a reduced rate. Special fees are available for renal health professionals like nurses, dietitians and technicians.



FEBRUARY 2018

Kidney International launches 'Brief reports' to present readers with shorter high-quality findings.

kidney
INTERNATIONAL

2018



MARCH 2018

Sharjah hosts 2nd ISN Global Kidney Health Summit

91 global leaders in nephrology, other kidney healthcare workers and healthcare policymakers meet to develop a strategy to address the unmet needs of patients with end-stage kidney disease around the world.



JUNE 2018

Talking AKI prevention with Nepal's Labor Minister

Long-standing ISN member, Sanjib Kumar Sharma, says: 'These patients are a particularly vulnerable group due to the presence of infection, water and food borne disease, dehydration and trauma.'

APRIL 2018

Support for sustainable peritoneal dialysis in Haiti

The ISN Educational Ambassadors Program and Saving Young Lives set up a workshop to help develop a sustainable peritoneal dialysis program at the Faculté de Médecine et de Pharmacie, Université d'État in Haiti.



MARCH 2018

World Kidney Day 2018: the woman's perspective

This time around, the focus of the campaign is on the importance of women's health and particularly the well-being of their kidneys. WKD 2018 spread the message about promoting affordable and equitable access to health education, care and prevention for all women and girls globally.

JUNE 2018

We reassess our vision and mission and set five strategic priorities.

2018

03

04

05

06

07

08

09



JUNE 2018

Thanks to Saving Young Lives training, a pediatric nephrologist and a nurse from the University of Kinshasa visited the University of Cotonou (Benin) to help set up a peritoneal dialysis service for children with acute kidney disease.

JUNE 2018

Our status as a non-state actor with the World Health Organization is renewed and we join the World Health Assembly.

NOVEMBER 2018

New ISN Governance comes into place.

JUNE 2018

ISN and the Japanese Society of Nephrology (JSN) sign a declaration of collaboration at the 60th JSN Congress in Sendai, Japan.



JANUARY 2019

Going paperless!

We replace ISN News by a range of digital communications, including ISN Insight, the membership e-newsletter with the latest stories about our community.



APRIL 2019

World Congress of Nephrology

The first paperless World Congress of Nephrology event takes place in Melbourne, Australia. In April 2019 at WCN 2019, we welcome Vivekanand Jha as ISN President from 2019-2021.



APRIL 2019

The second edition of the *ISN Global Kidney Health Atlas* is launched!



2019

BRIDGING THE GAPS

The importance of kidney health

Every year on the second Thursday of March, World Kidney Day (WKD) creates awareness about the importance of kidney health. In 2017 and 2018, the spotlight was on the role of obesity and women's health, calling out to the ISN community and beyond!

The role of obesity

On March 9, 2017 the campaign set its sights on communicating about how obesity can affect our kidney health. Over 990 events were organized in 93 countries.

A joint position statement, developed in collaboration with the World Obesity Federation, gave important facts on the link between obesity and kidney disease. It also illustrated risk factors common in obese and kidney disease patients such as cardiovascular disease, diabetes and hypertension.

Celebrating women and kidney health

The following year, a colorful campaign coincided with worldwide celebrations of International Women's Day on March 18th, calling on to members of the medical community and the general public globally to highlight kidney health for women.

The WKD editorial was published in 57 journals, targeting the fields of nephrology, women's health, gynecology and obstetrics.

Over the month, #worldkidneyday reached more than 575 million people compared to 150 million in 2017. There was a significant growth in social media activity too with 63.8K fans on Facebook, 12.7k followers on Twitter, 2,935 Instagram followers and 99,698 views on YouTube.



These campaigns also further engaged the global network of WKD Champions. 90 champions from 61 countries dedicated their time to communicate about the campaign online and offline, to help this community grow through their networks. The 2019 campaign, on March 14th, highlighted the 'Burden, access, and disparities in kidney disease'.



World Kidney Day is a joint initiative of    

© World Kidney Day 2006 - 2019

BRIDGING THE GAPS

A trusted leader

ISN is the only nephrology society in official relations with the World Health Organization (WHO). How is the ISN community using this opportunity to voice the needs of kidney patients and bridge gaps in global care?



THE DECLARATION OF ISTANBUL

Since 2008, ISN and The Transplantation Society (TTS), led by the Declaration of Istanbul Custodian Group, have encouraged the adoption of effective and ethical transplantation practices world-wide. The Declaration of Istanbul on Organ Trafficking and Transplant was updated in 2018. It remains a valuable resource in fighting criminal transplant practices.

POLITICAL AGENDA

In September 2018, our year-long campaign of putting kidney health on the highest political agenda culminated in being invited to the third United Nations High Level meeting on NCDs. ISN was the only kidney disease organization attending the United Nations General Assembly.

The relations between ISN and WHO are governed by a joint action plan, which is reviewed and renewed every three years. *'We are excited to start implementing new joint actions,'* explains Adeera Levin. Thanks to ISN's non-state actor official status, ISN is invited to all official WHO meetings, including the regional committee meetings.

In 2017, ISN reinforced its role as a trusted leader and representative of the kidney health community by participating in regional meetings in Europe, Americas and Western Pacific as well as the WHO Global Conference on non-communicable diseases (NCDs) in Montevideo (Uruguay). ISN is the only kidney voice at these high-level meetings.

During the Global Conference on NCDs in October 2017, ISN showcased the Saving Young Lives initiative as a cost-effective intervention to reduce the burden of premature deaths from NCDs, in line with the UN Sustainable Development Goals (SDG 3.4). The UN SDGs aim to reduce premature mortality from NCDs by one-third through prevention and treatment, and by promoting mental health and wellbeing.

In reaction to the Montevideo Roadmap 2018-2030, ISN has called for more coordinated and coherent action to fully integrate kidney disease in health care management and get commitment and concrete suggestions on how to achieve SDG 3.4 by 2030.

BRIDGING THE GAPS

A global strategy for ESKD

The second ISN Global Kidney Health Summit focused on improving the understanding of end-stage kidney disease (ESKD) and its determinants worldwide, defining how to improve access to care in low-resource settings, and developing an implementation framework on the necessary standards of ESKD care.

Global leaders talked about the treatment of severe chronic kidney disease, the global non-communicable disease agenda, and dialysis challenges in low-resource countries. It was a valuable opportunity to define what we know and still have to learn about ESKD care, especially how we can fill the gaps in knowledge and practice.

Kidney patient Kamal Shah says: *'It was a wonderful experience to hear the many different perspectives. It gave me a lot of hope to see the emphasis on patient-centered care during the summit.'*

The Summit's strategy was built around the themes of advocacy, sustainability, equity, and integration, and will define educational and advocacy resources necessary to provide affordable, sustainable, and equitable treatment to all patients with ESKD.

Its outcome will be published in a strategy document ahead of the World Congress of Nephrology 2019.*

* The second ISN Global Kidney Health Summit was supported by unrestricted grants from Baxter and B-Braun.



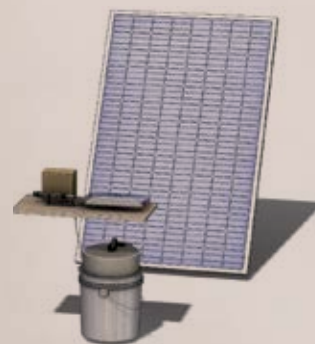
PRESENTING THE ISN KIDNEY COLLECTION SURVEY

133 individuals from 39 low- and middle-income countries took part in the ISN Kidney Collection survey. They helped collect and collate 95 original documents and guidelines from 14 countries in the areas of dialysis eligibility, procurement, care and outcomes monitoring. Preceding the ISN Kidney Collection, The Lancet Kidney Campaign drew evidence from The Lancet 2013 Series on global kidney disease.



AFFORDABLE DIALYSIS PROJECT GAINS FUNDING TO MOVE FORWARD*

3.9 million USD were raised by a research team at the George Institute for Global Health in Sydney Australia to develop a cost-efficient peritoneal dialysis system. Professor John Knight, a children's kidney specialist and senior researcher at The George Institute explains: *'The millions of avoidable kidney deaths around the world each year are mostly down to the cost of treatment. This inspired our search for the world's first really affordable dialysis.'*



* ISN is a partner with the George Institute for Global Health, as part of the Affordable Dialysis project.



CONNECTING COMMUNITIES

We are ISN

By connecting our community, we can better understand how to manage kidney disease. Together, we want a future where all people have equitable access to sustainable kidney health.

As a society, we are driven by the belief of who we are as individuals and as a community. Every member and partner brings another perspective, individual experience, talent and skills to strengthen our community so we build more trust, become more inclusive and adapt to the changing scene of global nephrology.

Now, by offering tiered membership, more potential members have reasons to join our community. They can receive invitations and reduced rates to regional and global events, conferences and courses. We are calling on nurses to get involved and benefit from the ISN Academy portal and app, thanks to our partnership with the Canadian Society of Nephrology Nurses and Technologists (CANNT).



160+
countries



1,000+
volunteer
leaders



8,000+
members



HAND-IN-HAND WITH OUR PARTNERS

Here are just a few of the great stories about partners helping us improve kidney education and care!

• **The ISN North and East Asia** regional workshop in Taipei was held during the second International Congress of Chinese Nephrologists (ICCN) and the Taiwan Society of Nephrology's (TSN) annual meeting.

• **The Australian & New Zealand Society of Nephrology (ANZSN)** has signed a Memorandum of Understanding to strengthen collaboration and co-fund the ISN Programs, showing a mutual commitment to advancing nephrology in the Asia Pacific region.

• **The Transplantation Society (TTS)** renewed its agreement to continue supporting the ISN-TTS Sister Transplant

Centers Program. The first transplant center pairs between Guatemala-USA and Palestine-UK graduate in 2019.

• **The Francophone Society of Nephrology, Dialysis and Transplantation** is helping us organize joint ISN Continuing Medical Education courses and Clinical Research Programs, focusing on francophone Africa.

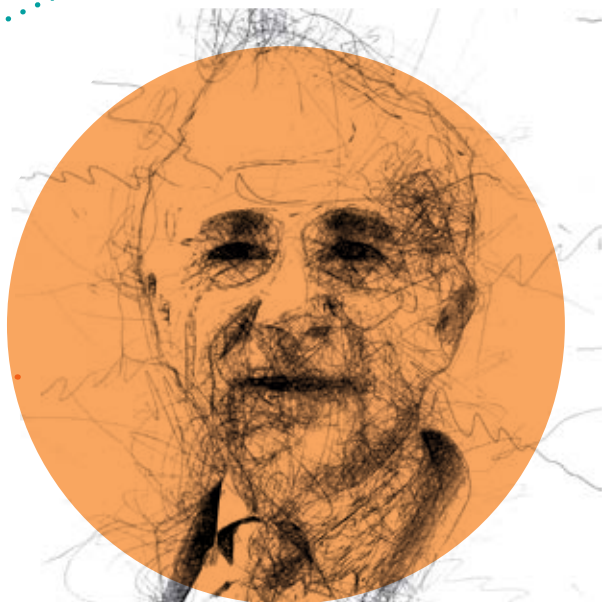
• **Presidents of ISN, the Sociedad Latinoamericana de Nefrología e Hipertensión and the Colombian Society of Nephrology** interacted with the audience of the ISN Regional Workshop in Cartagena (Colombia) to weigh in on issues that nephrologists are facing in the region.

Knowledge

We are sharing knowledge across borders by offering every member access to the ISN Academy, and print or digital access to *Kidney International* (as well as *KI Reports* and *KI Supplements*).

While providing every ISN member the chance to network with international experts across different locations worldwide, ISN live events are all-round meetings that engage our community to learn, pick up the latest information, and improve skills.





'We have an exciting educational role: making content accessible to a large readership.'

Pierre Ronco

Kidney International Editor-in-Chief, **France**



'The World Congress of Nephrology is the pinnacle scientific and educational event conducted by the ISN.'

The Melbourne meeting, with a focus on dialysis and glomerulonephritis, offers a broad educational experience in a beautiful setting. An added bonus is the 'patient experience' film session.'

Peter Kerr

WCN 2019 Local Organizing Committee Chair, **Australia**

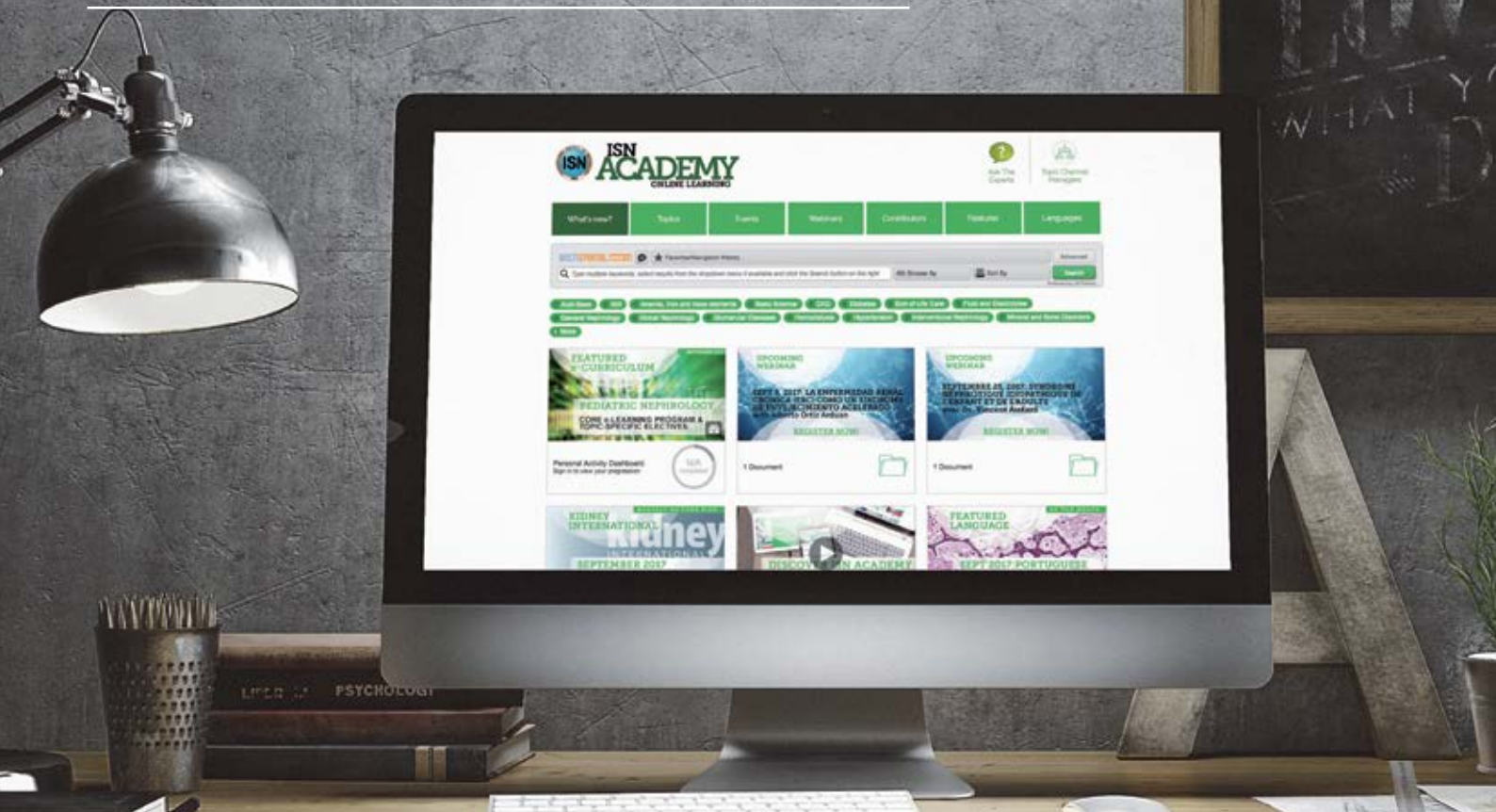


'ISN Frontiers 2018 brought professionals from the nephrology and cardiovascular health communities closer and was the third ISN meeting to be held in Japan.'

Masaomi Nangaku

Local Organizing Committee Chair, **Japan**

Integrated nephrology e-learning



Following the launch of the ISN Academy at the 2017 World Congress of Nephrology (WCN) in Mexico City, ISN members started making use of thousands of pieces of content, organized into certified e-learning curricula. All available at the click of a button!

On gathering and reviewing the resources, Vivekanand Jha, Chair of the ISN Education Working Group, explains: *'In this current phase of ISN Academy, our focus is shifting to better organize and package content so that users can derive the most from it.'*

By the end of 2018, the ISN Academy team succeeded in packing content into 21 e-learning curricula on a variety of nephrology topics. Each curricula is self-paced and broken down into several sub-topic modules. Interactive quizzes and case studies assess learning, and a certificate is provided upon completion.

Tushar Vachharajani, Deputy Chair of the ISN Education Working Group, was instrumental in developing ISN's first ever WCN hybrid course on interventional nephrology, which combines online didactic learning on the ISN Academy with hands-on learning sessions at WCN in Melbourne. Meanwhile, the ever-popular webinar calendar includes monthly sessions programmed on educational topics in multiple languages throughout 2019.

Learn more on academy.theisn.org

On the cutting-edge of publishing

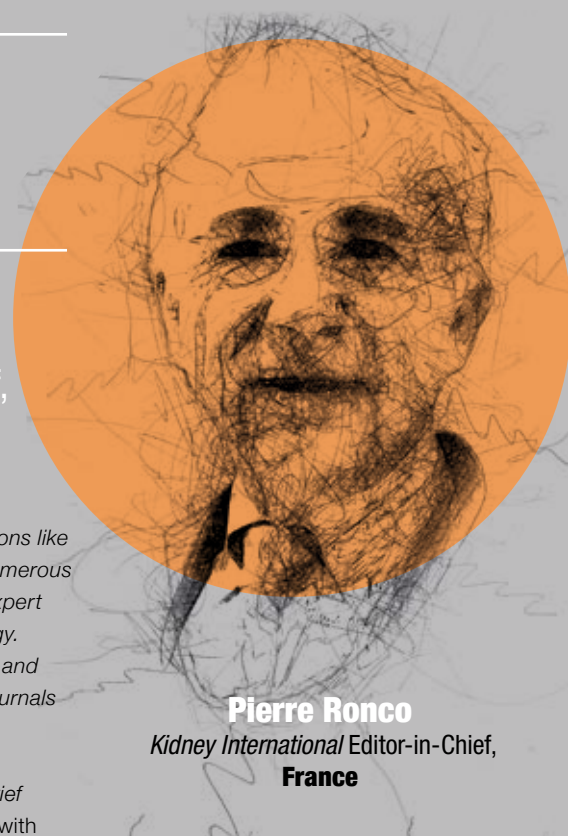
In 2018, we met Pierre Ronco, *Kidney International's* new Editor-in-Chief. Taking over from Detlef Schlöndorff, he explained what was in store for our flagship journal.

Expressing his delight at being on the cutting edge of the best in science and renal medicine, he said, 'I also like to communicate with the authors, discussing the manuscripts that have survived triage.'

Adding to this: 'In 2017, the number of submitted manuscripts exceeded 1,900. The original spirit of *Kidney International*, under the guidance of Ike Robinson, Founding Editor, is still there: a mix of basic and clinical medicine, preceding translational medicine. Such a combination of cutting-edge manuscripts presented in an educational and attractive way makes the journal so unique and attractive to the readers.'

KI has evolved to include more sections like *Nephrology Digest*, *Journal Club*, numerous commentaries, superb reviews by expert nephrologists and outside nephrology. Social media now plays a major role and the competition with open access journals is exponentially increasing.'

With the launch of the *KI* app and *Brief Reports*, the journal is also evolving with the times. The *KI* 2017 Impact Factor increased to 8,429 from 8,395 in 2016. The publication ranks 4th out of 76 journals in the nephrology subject category. *KI Supplements* ranks 14th.



Pierre Ronco
Kidney International Editor-in-Chief,
 France



.....

An article from Ziyad Al-Aly et al. used Global Burden of Disease data to show, in just one generation since 1990, an almost doubling of the incidence, prevalence and mortality of chronic kidney disease, and a more than 60% increase in disability-adjusted life years, driven by population growth, aging, nature of access to and quality of health care, and diabetes.

.....

World Congress of Nephrology 2017

Patients and Community

Within the vibrancy of Mexico City, heart-warming patient testimonies and scientific excellence formed the perfect match to open an engaging ISN World Congress of Nephrology focusing on diabetic nephropathy.



ISN President Adeera Levin looked back on the advances that ISN made during her presidency. Three touching presentations followed.

Viviana Cordero shared how she overcame losing her sight and being diagnosed with kidney disease. Transplant patients, Marisol Robles and Fiona Loud, spoke on clinical care and international collaboration. As Policy Director of the British Kidney Patient Association, Fiona pointed out the importance of combined efforts in research.

Scientific Program Chair Kai-Uwe Eckardt gave an overview of the congress and the core theme, leading on to the first Plenary Lecture about *'The diabetes pandemic: prevention is primary'* by Sam Dagogo-Jack, USA, whose research focuses on the interaction of genetic and environmental factors in predicting and preventing prediabetes and diabetes.

WCN every year from now!

As of 2019, we will organize a yearly congress with a specific regional focus and new features that build on the current WCN strengths and offer an improved learning experience for participants, including networking and sessions tailored to a global audience.

A patient's voice

ISN Community Film Award showcases films that reflect patient experiences or provide education for patients on renal topics, such as commencing dialysis.

SEE YOU SOON!



4,052
participants

113
countries

50
speakers

1,306
poster presentations

In 2020, there will be two ISN Frontiers meetings. The first will be organized in New Delhi, India from September 24 to 26, 2020 and will focus on infections and the kidneys. A second meeting will take place in Bergamo, Italy from October 1st to 3rd, 2020. Discussions will center around complement related kidney diseases: classification, genetics and treatment.



Driven by a shared mission

After almost 10 years working with ISN leaders, members and staff to contribute to advancing kidney health worldwide, this is my last contribution to the ISN biennial report.

Working alongside leading nephrologists, many of whom have become personal friends, I have gained valuable insight into the challenges they experience in delivering kidney care across very different settings. This is something I will always consider as the highlight of my professional life.

We launched the ISN Academy, expanded the ISN Programs to support nephrology in low-resource regions and collaborated with new philanthropic partners, consolidated our educational platform across journals, events and online networks. Finally, as our President

mentions in this report, we worked on our internal structure and processes to bring ISN into a new era.

Looking at our programs and activities, our members' engagement, our finances and our governance, I am confident that my successor will be able to build on a solid platform and ensure ISN's future success.

I am proud of the accomplishments of ISN members, who are a unique and truly global community of people with a common approach to advancing kidney health. We see

collaboration, partnerships and a never-ending exchange of ideas and experiences as the best way to fulfil ISN's mission.

As a parting word, let me just say that I will keep nephrology and the ISN community in my heart. With a million thanks to everyone who has helped, supported and stimulated me to reach further on behalf of the ISN.

Luca Segantini
ISN Executive Director
2009-2018

Year	Membership Revenue	Publications Revenue	Revenue from Events	Other Revenue	Total Revenue	Investment in ISN Programs
2017	\$1,120,000	\$3,080,000	\$2,800,000*	\$1,860,000	\$8,860,000	\$1,900,000
2018	\$1,050,000	\$3,200,000	\$202,500	\$1,497,500	\$5,950,000	\$1,380,000

* Including WCN 2017



Through the last two years of implementing a new governance structure, adapting membership categories, and moving toward the new strategy of annual congresses, ISN continued to actively monitor finances and began further evaluating the longer term sources of revenue. Throughout this period, revenues have been maintained as expected. It is worth noting that the 2017 revenue, as reported above, is positively influenced by the WCN event in Mexico, with 2018 being the last year without a world congress event. Membership revenue is lower in 2018, mainly

due to ISN adapting certain categories of membership with resultant pricing changes. Overall though, 2018 total revenue is slightly increased upon the equivalent non-WCN year of 2016, and with managed investments continuing to bring in additional interest income, ISN remains in a very solid position, and looks forward to building on these positive changes.

Charu Malik, PhD
ISN Executive Director
2019

5 reasons to join ISN

- 1** Receive our three journals: *Kidney International*, *KI Supplements* and *KI Reports* (online access).



- 2** Be part of our educational programs to build nephrology capacity and boost your career.

- 3** Get unrestricted access to the ISN Academy, our online nephrology e-learning platform.



- 4** Benefit from reduced rates to our World Congress of Nephrology (WCN) and ISN Frontiers meetings.



- 5** Connect with ISN members worldwide to deliver more capacity-building programs and create more equitable access to nephrology care.

www.theisn.org/join



ISN Leadership and Committee members 2017-2019

ISN Executive Committee 2017-2019

David Harris (Australia) - President
 Vivekanand Jha (India) - President-Elect
 Adeera Levin (Canada) - Past-President
 John Feehally (UK) - ISN Programs Chair
 Stuart Shankland (USA) - Treasurer
 Masaomi Nangaku (Japan) - Representative of the Council
 Roberto Pecoits-Filho (Brazil) - Representative of the Council
 Gloria Ashuntantang (Cameroon) - Presidential Appointee
 Valerie Luyckx (Switzerland) - Presidential Appointee

ISN Council 2017-2019

Africa

Felicia Eke (Nigeria)
 Charles Swanepoel (South Africa)

Eastern and Central Europe

Rümeysa Turan Kazancioglu (Turkey)

Latin America and the Caribbean

Mirian Boim (Brazil)
 Walter Guillermo Douthat (Argentina)
 Roberto Pecoits-Filho (Brazil)
 Laura Sola (Uruguay)

Middle East

Shahrazad Ossareh (Iran)

NIS and Russia

Elena Zakharova (Russia)

North America and the Caribbean

Sharon Andreoli (USA)
 Joseph Bonventre (USA)
 Kamyar Kalantar-Zadeh (USA)
 Ravindra Mehta (USA)
 Tushar Vachharajani (USA)
 Myles Wolf (Canada)
 Karen Yeates (Canada)

North and East Asia

Daniel Tak Mao Chan (Hong Kong)
 Fan Fan Hou (China)
 Sadayoshi Ito (Japan)
 Masaomi Nangaku (Japan)

Oceania and South East Asia

David Johnson (Australia)
 Adrian Liew (Singapore)
 Robert Walker (New Zealand)

South Asia

Manisha Sahay (India)
 Muhibur Rahman (Bangladesh)
 Harun Ur Rashid (Bangladesh)

Western Europe

Rosanna Coppo (Italy)
 Sandrine Florquin (Belgium)
 Paul Harden (UK)
 Eric Rondeau (France)
 Justin Silver (Israel)
 Klaus Ølgaard (Denmark)

ISN Regional Boards

- Africa Regional Board - Mohammed Benghanem Gharbi (Morocco), Gloria Ashuntantang (Cameroon)
- Eastern and Central Europe Regional Board - Rümeysa Turan Kazancioglu (Turkey), Vladimir Tesar (Czech Republic)
- Latin America Regional Board - Ezequiel Bellorin-Font (Venezuela), Laura Solá (Uruguay)
- Middle East Regional Board - Mohammed Ghnaimat (Jordan), Shahrazad Ossareh (Iran)
- NIS and Russia Regional Board - Irma Tchokhanelidze (Georgia), Alexander Zemchenkov (Russia)
- North America and the Caribbean Regional Board - Jeffrey Perl (Canada), Kamyar Kalantar-Zadeh (USA)
- North and East Asia Regional Board - Ming-Hui Zhao (China), Chih-Wei Yang (Taiwan)
- Oceania & South-East Asia Regional Board - Peter Kerr (Australia), Kriang Tungsanga (Thailand)
- South Asia Regional Board - Vivekanand Jha (India), Harun Ur Rashid (Bangladesh)
- Western Europe Regional Board - Eric Rondeau (France), Paul Harden (UK)

ISN Program Committees

- Clinical Research Program Committee - Giovanni Strippoli (Italy)
- Scientific Writing Academy - Giovanni Strippoli (Italy)
- CME Program Committee - Fredric Finkelstein (USA)
- Core Programs Committee - John Feehally (UK)
- Education Ambassadors Program Committee - Vivekanand Jha (India)
- Fellowship Program Committee - Allison Eddy (Canada)
- Sister Centers Programs Committee - Peter Kerr (Australia)

ISN Topical Advisory Committees

- Dialysis Committee - Simon Davies (UK), Fredric Finkelstein (USA)
- Interventional Nephrology Committee - Tushar Vachharajani (USA)
- Kidney Health in Disadvantaged Populations Committee - Keith Norris (USA)
- Renal Pathology Committee - Agnes Fogo (USA), Ian Roberts (UK)
- Young Nephrologists Committee - Rolando Claure-Del Granado (Bolivia)

ISN Education and Events

- Global Education Committee - David Harris (Australia)
- Education Committee - Vivekanand Jha (India)
- Publications Committee - Bertram Kasiske (USA)
- WCN2019 Scientific Program Committee - Masaomi Nangaku (Japan)
- WCN2019 Congress Organizing Committee - David Harris (Australia)
- WCN2019 Local Organizing Committee - Peter Kerr (Australia)

ISN Research

- Research working group - Adeera Levin (Canada)
- ISN-ACT 'clinical trials' - Vlado Perkovic (Australia)
- ISN iNET-CKD 'cohorts' - Harold Feldman (USA)
- ISN-H4KH Research Initiative - Louise Moist (Canada)
- ISN Global Kidney Health Atlas - David Johnson (Australia), Aminu Bello (Canada)
- Mentorship Program Committee - Adeera Levin (Canada)

ISN implementation projects

- 0by25 Pilot Feasibility Study - Ravindra Mehta (USA)
- Kidney Care Network - John Feehally (UK), Mike Rocco (USA)
- Saving Young Lives - John Feehally (UK), Brett Cullis (South Africa)

Other ISN Activities

- Awards Committee - David Harris (Australia)
- Declaration on Organ Trafficking and Transplant Tourism - Alejandro Nino-Murcia (Colombia), Eric Rondeau (France)
- ISN-ANIO Committee - Adeera Levin (Canada), Arti Gupta (USA)
- Nominating Committee - Saraladevi Naicker (South Africa)
- Renal Disaster Relief Task Force - Wim Van Biesen (Belgium)
- World Kidney Day Steering Committee - Philip Li (Hong Kong), Guillermo Garcia Garcia (Mexico)

Leading through collaboration and alliances

Africa

- African Association of Nephrology (AFRAN)
- Congolese Society of Nephrology
- Egyptian Society of Nephrology & Transplantation
- Ivorian Society of Nephrology (SINEPH)
- Kenya Renal Association (KRA)
- Moroccan Society of Nephrology (SMN)
- Nephrology Society of Tanzania (NESOT)
- Nigerian Association of Nephrology (NAN)
- Senegalese Society of Nephrology (SOSENEPH)
- South African Renal Society (SARS)
- Sudanese Nephrology and Transplantation Society (SNTS)
- Tunisian Society of Nephrology (STN)

Eastern and Central Europe

- Albanian Society of Nephrology
- Association for nephrology, dialysis and transplantation of Bosnia and Herzegovina (UNDT)
- Bulgarian Society of Nephrology (BSN)
- Croatian Society of Nephrology, Dialysis & Transplantation (HDNDT)
- Estonian Society of Nephrology (ENS)
- Hungarian Society of Nephrology
- Latvian Association of Nephrology
- Macedonian Soc. of Nephrology, Dialysis, Transplantation and artificial Organs (MSNDTAO)
- Moldavian Society of Nephrology
- Montenegrin Association of Nephrologists (UNCG)
- Polish Society of Nephrology (PTN)
- Romanian Society of Nephrology (SRNEFRO)
- Serbian Cardionephrology Association (KARNEF)
- Serbian Society of Nephrology
- Slovenian Society of Nephrology (SZD)
- Turkish Society of Nephrology

Latin America

- Argentina Society of Nephrology (SAN)
- Association of Nephrology and Hypertension of El Salvador (ANHAES)
- Bolivian Society of Nephrology (SBN)
- Brazilian Society of Nephrology (SBN)
- Chilean Society of Nephrology
- Colombian Society of Nephrology
- Costa Rican Association of Nephrology (ASCON)
- Cuban Society of Nephrology
- Ecuadorian Society of Nephrology (SEN)
- Guatemalan Society of Nephrology (AGN)
- Latin-American Society of Nephrology and Hypertension/SLANH (SLANH)
- Mexican College of Nephrologists (CNM)
- Mexican Institute of Nephrological Research (IMIN)
- Nicaraguan Association of Nephrology (ANINEF)
- Panamanian Society of Nephrology
- Paraguayan Society of Nephrology (SPN)
- Peruvian Society of Nephrology
- Uruguayan Society of Nephrology (SUN)
- Venezuelan Society of Nephrology (SVN)

Middle East

- Arab Society of Nephrology & Renal Transplantation
- Emirates Medical Association Nephrology Society (EMAN)
- Iranian Society of Nephrology (IrSN)
- Iraqi Society of Nephrology
- Jordan Society of Nephrology and Renal Transplantation (JSNRT)
- Kuwait Nephrology Association (KNA)
- Lebanese Society of Nephrology & Hypertension (LSNH)
- Saudi Society of Nephrology & Transplantation (SSN)
- Syrian Society of Nephrology & Transplantation (SSNT)
- Yemen Society for Nephrology and Transplantation (YSNT)

Russia and NIS

(Newly Independent States)

- Dialysis, Nephrology and Kidney Transplantation Union of Georgia (DNT Union)
- Russian Dialysis Society
- Society of Nephrologists, Dialysis and Transplant Physicians of Kazakhstan

North America and the Caribbean

- Canadian Society of Nephrology Health Sciences Centre (CSN)
- Puerto Rican Society of Nephrology and Hypertension

North and East Asia

- Asian Pacific Society of Nephrology (APSN)
- Chinese Society of Nephrology (CSN)
- Hong Kong Society of Nephrology (HKSN)
- Japanese Society of Nephrology (JSN)
- Korean Society of Nephrology (KSN)
- Mongolian Society of Nephrology and Urology
- Taiwan Society of Nephrology

Oceania and Southeast Asia

- Australian & New Zealand Society of Nephrology (ANZSN)
- Cambodian Association of Nephrology (CAN)
- Indonesian Society of Nephrology (Ina SN)
- Lao Society of Nephrology
- Malaysian Society of Nephrology (MSN)
- Myanmar NephroUro Society (MNUS)
- Philippine Society of Nephrology

We collaborate with 101 national and regional nephrology societies as well as several other organizations in the field.

- Singapore Society of Nephrology (SSN)
- The Nephrology Society of Thailand

South Asia

- Bangladesh Renal Association
- Indian Society of Nephrology (ISN)
- Nepalese Society of Nephrology
- Pakistan Society of Nephrology and Urology
- Sri Lanka Society of Nephrology (SLSON)

Western Europe

- Austrian Society of Nephrology
- Belgian Society of Nephrology (NBVN)
- British Association of Paediatric NCD Alliance Nephrology (BAPN)
- Danish Society of Nephrology
- Dutch Federation of Nephrology (NFN)
- French Society of Nephrology, Dialysis and Transplantation (SFNDT)
- German Society of Nephrology
- Hellenic Society of Nephrology (HSN)
- Irish Kidney Association (IKA)
- Irish Nephrology Society (INS)
- Israeli Society of Nephrology & Hypertension (ISNH)
- Italian Society of Nephrology (SIN)
- Norwegian Society of Nephrology
- Portuguese Society of Nephrology (SPN)
- Renal Association
- Spanish Society of Nephrology (S.E.N.)
- Swedish Society of Nephrology
- Swiss Society of Nephrology (SGN-SSN)

2017-2018

Corporate Members



ISN Programs Supporters

We organize co-branded and co-funded activities with the following organizations:

- American Nephrologists of Indian Origin (ISN-ANIO)
- Asian Pacific Society of Nephrology (APSN)
- Australian and New Zealand Society of Nephrology (ANZSN)
- Baxter - UHN ExpLoRe Home Dialysis
- Cross Regional Education And Exchange In Dialysis (CREED)
- Elsevier
- Heartlands Hospital
- Hong Kong Society of Nephrology (HKSN)
- Indian Society of Nephrology (IndSN)
- International Association of Chinese Nephrologists (IACN)
- International Pediatric Nephrology Association (IPNA)
- Japanese Society of Nephrology (JSN)
- Kidneys for Life
- Kidney Research UK
- Nova Biomedical
- Roche
- Sociedad Latinoamericana de Nefrología e Hipertensión (SLANH)
- Société Francophone de Néphrologie, Dialyse et Transplantation (SFNDT)
- Stavros Niarchos Foundation
- The Transplantation Society (TTS)
- The Renal Association

Honorary Programs Supporters

- Amgen
- Otsuka
- The Salmasi Family
- The Schrier Family

Other ISN Partners

- American Society of Diagnostic and Interventional Nephrology (ASDIN)
- American Society of Nephrology (ASN)
- Asian Pacific Society of Nephrology (APSN)
- Cochrane-Renal.org
- Dialysis Outcomes and Practice Patterns Study (DOPPS) Program
- European Renal Association - European Dialysis and Transplant Association (ERA-EDTA)
- EuroPD
- International Federation of Kidney Foundations (IFKF)
- International IgA Nephropathy Network
- International Pediatric Nephrology Association (IPNA)
- International Society for Peritoneal Dialysis (ISPD)
- International Society of Hypertension (ISH)
- Japanese Society of Nephrology (JSN)
- Kidney Disease Improving Global Outcomes (KDIGO)
- NCD Alliance
- Stavros Niarchos Foundation
- The Lancet
- The Transplantation Society (TTS)
- World Heart Federation (WHF)

ISN is a non-state actor in official relations with the World Health Organization (WHO).



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